



LG

website:<http://biz.LGservice.com>
e-mail:<http://www.LGEservice.com/techsup.html>

PLASMA TV

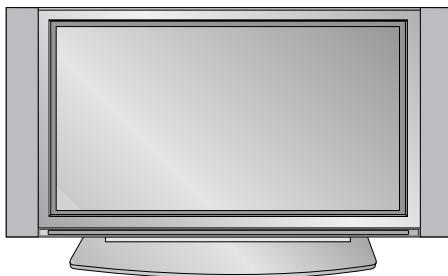
SERVICE MANUAL

CHASSIS : MF-056A

MODEL : 42PX3RV/RVB
42PX3RV/RVB-ZA

CAUTION

BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



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PRINTED CIRCUIT BOARD	

SAFETY PRECAUTIONS

IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by Δ in the Schematic Diagram and Replacement Parts List.

It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent X-RADIATION, Shock, Fire, or other Hazards.

Do not modify the original design without permission of manufacturer.

General Guidance

An **isolation Transformer should always be used** during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks.

It will also protect the receiver and its components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

If any fuse (or Fusible Resistor) in this monitor is blown, replace it with the specified.

When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB.

Keep wires away from high voltage or high temperature parts.

Due to high vacuum and large surface area of picture tube, extreme care should be used in **handling the Picture Tube**. Do not lift the Picture tube by its Neck.

Leakage Current Cold Check(Antenna Cold Check)

With the instrument AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm-meter to the AC plug prongs tied together and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc.

If the exposed metallic part has a return path to the chassis, the measured resistance should be between $1M\Omega$ and $5.2M\Omega$.

When the exposed metal has no return path to the chassis the reading must be infinite.

An other abnormality exists that must be corrected before the receiver is returned to the customer.

Leakage Current Hot Check (See below Figure)

Plug the AC cord directly into the AC outlet.

Do not use a line Isolation Transformer during this check.

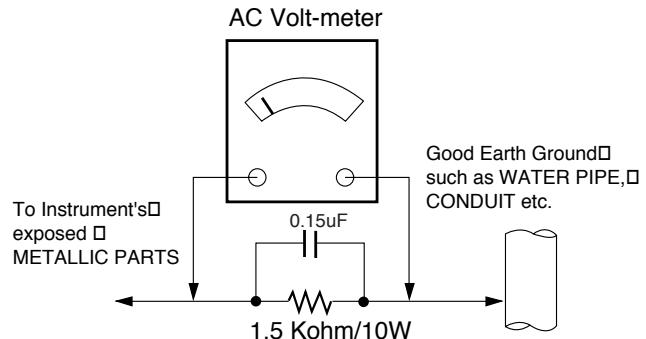
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.

Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.

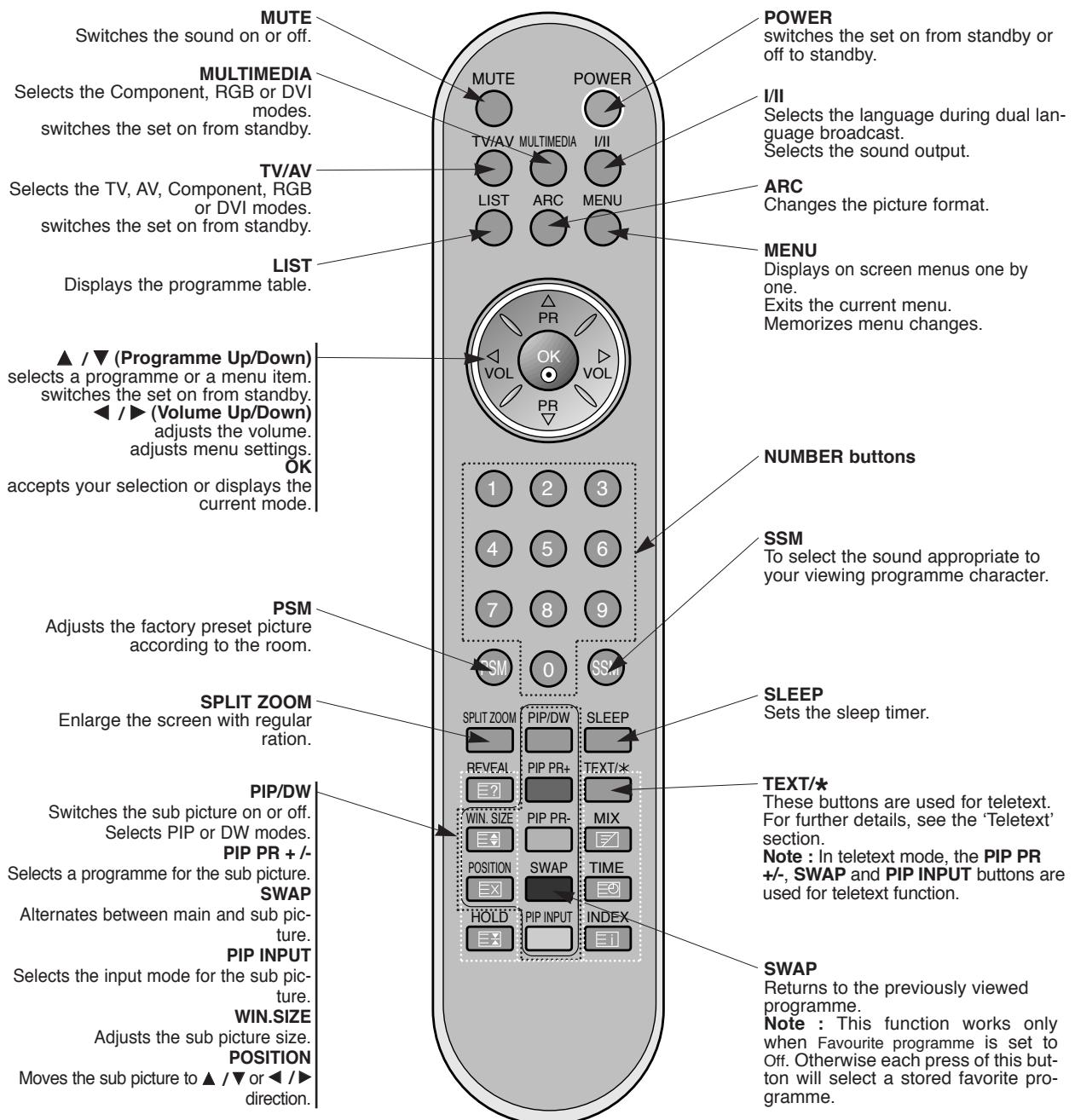
Reverse plug the AC cord into the AC outlet and repeat AC voltage measurements for each exposed metallic part. Any voltage measured must not exceed 0.75 volt RMS which is corresponds to 0.5mA.

In case any measurement is out of the limits specified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

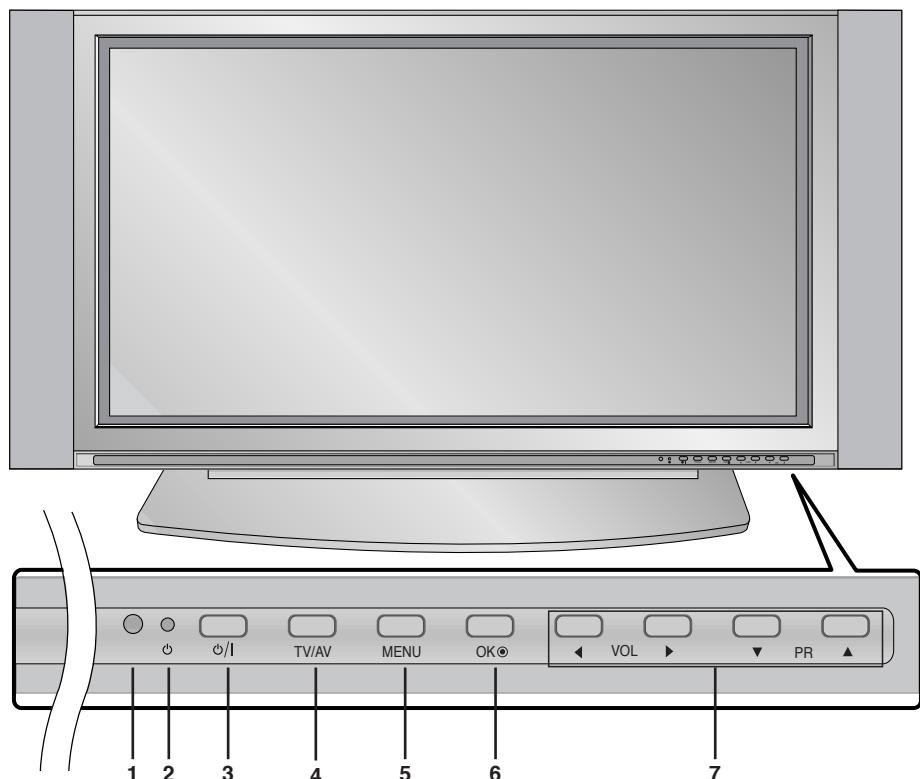
Leakage Current Hot Check circuit



DESCRIPTION OF CONTROLS

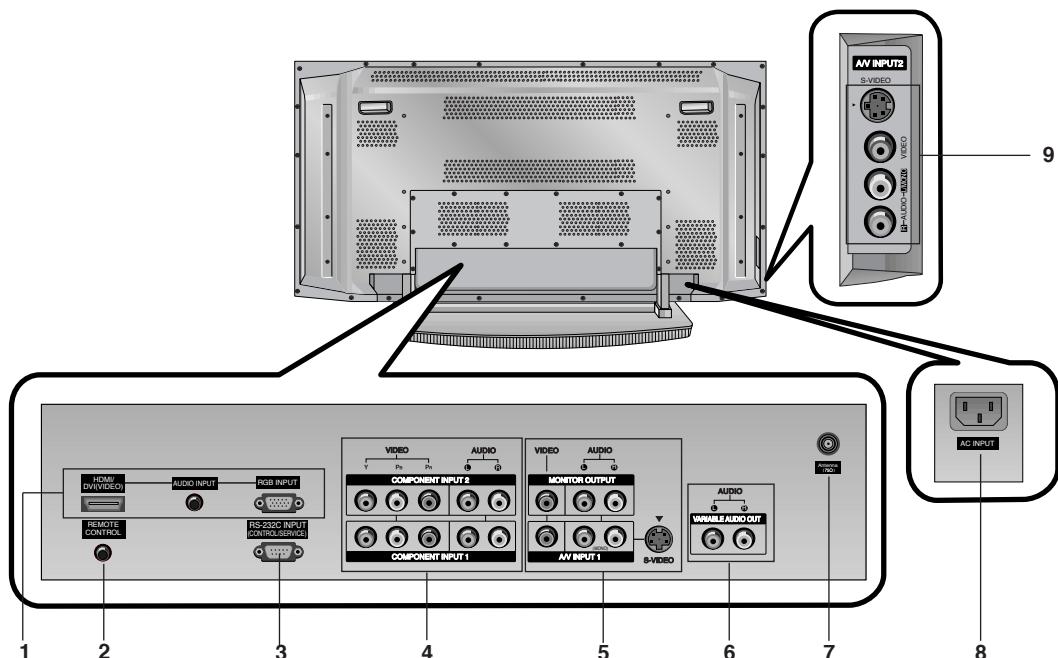


<Front Panel Controls>



1. **Remote Control Sensor**
2. **Power Indicator**
Illuminates red in standby mode, illuminates green when the set is turned on.
3. **Power Button**
Switches the set on from standby or off to standby.
4. **TV/AV Button**
Selects the TV, AV, Component, RGB or HDMI modes.
Switches the set on from standby.
5. **MENU**
Displays on screen menus one by one.
Exits the current menu.
Memorizes menu changes.
6. **OK**
Accepts your selection or displays the current mode.
7. **▲ / ▼ (Programme Up/Down)**
Selects a programme or a menu item.
Switches the set on from standby.
◀ / ▶ (Volume Up/Down)
Adjusts the volume.
OK
Adjusts menu settings.

<Back Panel>



1. HDMI(DVI VIDEO) / AUDIO INPUT / RGB INPUT

Connect the monitor output socket of the PERSONAL COMPUTER, DVD or STB to this socket.

Note: If you want to use RGB/DVI audio, we strongly recommend that you use the cable that has a core, or the EMI Filter core along with separate cable.

2. CONTROL LOCK / REMOTE CONTROL

3. RS-232C INPUT(CONTROL/SERVICE) PORT

Connect to the RS-232C port on a PC.

4. COMPONENT INPUT

Connect DVD video outputs to Y, Pb, Pr of COMPONENT INPUT and audio outputs to Audio sockets of AUDIO INPUT.

5. VIDEO/AUDIO IN/OUT SOCKETS (A/V INPUT 1)

Connect the video/audio out sockets of external equipment to these sockets.

S-VIDEO/AUDIO IN SOCKETS

Connect the S-VIDEO out socket of an VCR to the S-VIDEO socket.

Connect the audio out sockets of the VCR to the audio sockets as in **A/V INPUT 1**.

6. VARIABLE AUDIO OUTPUT

7. ANTENNA INPUT

8. POWER CORD SOCKET

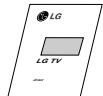
This set operates on an AC power. The voltage is indicated on the Specifications page. Never attempt to operate the set on DC power.

9. AUDIO/VIDEO INPUT (A/V INPUT 2) S-VIDEO/AUDIO IN SOCKETS

RGB / HDMI mode

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
640x350	31.468	70.09
	37.861	85.08
720x400	31.469	70.08
	37.927	85.03
640x480	31.469	59.94
	35.000	66.66
	37.861	72.80
	37.500	75.00
	43.269	85.00
848x480	31.500	60.00
	37.799	70.00
	39.375	75.00
852x480	31.500	60.00
	37.799	70.00
	39.375	75.00
800x600	35.156	56.25
	37.879	60.31
	48.077	72.18
	46.875	75.00
	53.674	85.06
832x624	49.725	74.55
1024x768	48.363	60.00
	56.476	70.06
	60.023	75.02
	68.677	85.00
	54.348	60.05
1152x864	63.995	70.01
	67.500	75.00
1152x870	68.681	75.06
1280x960	60.023	60.02
1280x1024	63.981	60.02

Accessories



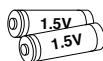
Owner's Manual



Remote Control handset



2-Eye Bolts



Alkaline batteries



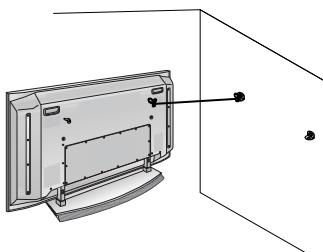
Power Cord



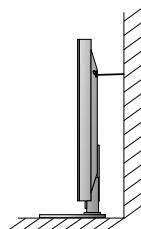
2-Wall brackets

Joinning the TV assembly to the wall to protect the set tumbling

- Secure the TV assembly by joining it to a wall by using the Eye Bolts/Wall brackets.



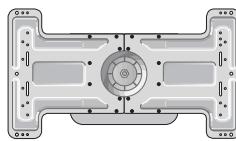
- After the set must be mounted on a desktop, install the Eye Bolts on the set as shown.
Insert the 2 Eye Bolts and tighten securely, in the holes on the bracket.
Install the wall brackets on the wall with 2 bolts, (not supplied with the product), as shown.
Match the height of the Eye Bolts and the wall brackets.
Check to be sure the brackets are tightened securely.



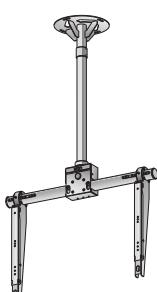
- Secure the TV assembly to the wall with strong strings or wound wire cables, (not supplied with the product), as shown.

Optional Extras

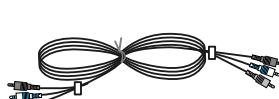
- Optional extras can be changed or modified for quality improvement without any notification new optional extras can be added.
- Contract your dealer for buying these items.



Tilt wall mounting bracket



Ceiling mounting bracket



Video cables



Audio cables

SPECIFICATIONS

NOTE : Specifications and others are subject to change without notice for improvement.

■ Application Range

This spec is applied to the 42" PDP TV used MF-056A Chassis.

■ Specification

Each part is tested as below without special appointment.

- 1) Temperature : $25\pm 5^{\circ}\text{C}$ ($77\pm 9^{\circ}\text{F}$), CST : 40 ± 5
- 2) Relative Humidity: $65\pm 10\%$
- 3) Power Voltage: Standard Input voltage (100-240V~, 50/60Hz)
* Standard Voltage of each product is marked by models.
- 4) Specification and performance of each parts are followed each drawing and specification by part number in accordance with BOM.
- 5) The receiver must be operated for about 20 minutes prior to the adjustment.

■ Test Method

- 1) Performance : LGE TV test method followed.

- 2) Demanded other specification

Safety: CE, IEC specification

EMC : CE, IEC

Model Name	Market	Remark
42PX3RV-ZA	EU	Safety : IEC/EN60065, EMI : EN55013, EMS : EN55020

■ General Specification

1. Module Specification

No	Item	Specification	Remark
1	Display Screen Device	42 inch wide Color Display Module	PDP
2	Aspect Ratio	16:9	
3	PDP Module	PDP42V7xxxx RGB Closed Type, Film Filter	
4	Operating Environment	1) Temp : 0~40 deg 2) Humidity : 0~85%	LGE SPEC
5	Storage Environment	1) Temp : -20~60 deg 2) Humidity : 0~85%	
6	Input Voltage	100-240V~, 50/60Hz	Maker : SONY/ Sanken

2. Model Specification (42PX3RV-ZA)

No	Item	Specification			Remark
1	Market	EU			
2	Broadcasting system	PAL B/G/I/D/K, NTSC			
3	Available Channel	BAND	PAL	NTSC	
		VHF/UHF	C1~C69	2~83	
		CATV	S1~S47	1~71	
4	Receiving system	Upper Heterodyne			
5	SCART Jack(3EA)	PAL, SECAM, NTSC			4 System : PAL, SECAM, NTSC, PAL60
6	Video Input (2EA)	PAL, SECAM, NTSC			4 System : PAL, SECAM, NTSC, PAL60
7	S-Video Input(3EA)	PAL, SECAM, NTSC			4 System : PAL, SECAM, NTSC, PAL60
8	Component Input(1EA)	Y/Cb/Cr, Y/Pb/Pr			
9	RGB Input(1EA)	RGB-PC RGB-DTV			
10	HDMI Input(1EA)	HDMI-PC HDMI-DTV			
11	Audio Input(4EA)	PC Audio, Component(1EA), AV(2EA)		L/R Input	
12	Wired Control				
13	Audio variable out				

ADJUSTMENT INSTRUCTIONS

1. Application Object

These instructions apply to the MF-056A Chassis.

2. Specification

- (1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of isolation transformer will help protect test instrument.
- (2) Adjustment must be done in the correct order.
- (3) The adjustment must be performed in the circumstance of $25\pm5^{\circ}\text{C}$ of temperature and $65\pm10\%$ of relative humidity if there is no specific designation.
- (4) The input voltage of the receiver must keep 100-220V, 50/60Hz.
- (5) The receiver must be operated for about 15 minutes prior to the adjustment.

● After RGB Full white HEAT-RUN Mode, the receiver must be operated prior to adjustment.

● Enter into HEAT-RUN MODE

- 1) Press the POWER ON KEY on R/C for adjustment.
- 2) OSD display and screen display 100% full WHITE PATTERN.

- * Set is activated HEAT-RUN without signal generator in this mode.
- * Single color pattern(RED/BLUE/GREEN) of HEAT-RUN mode uses to check PANEL.

Caution) If you turn on a still screen more than 20 minutes (Especially digital pattern, cross hatch pattern), after image may be occur in the black level part of the screen.

3. Channel memory

3-1. Setting up the LGIDS

- 1) Install the LGIDS. (idsinst.exe)
- 2) After installation, restart your PC.
- 3) Extract [files.zip] to folder [c:\LGIDS\files].
- 4) Start LGIDS.



(Fig. 1)

3-2. Channel memory Method

- 1) Select "PDP" and "Hurricane" on Model dialog. And check your connection in Communication dialog. (If your connection is 'NG', then set your PORT(COM1,2,3,...) correctly.)
- 2) Connect RS-232C cable and turn on the power.

(If your connection has completed, you can see "Ready".)

* If your set is not an end products but only a board, you have to make your board to Stand-by state (LED_R). And you have to Download in Stand_by power state.



(Fig. 3)

- 3) Select proper CH_memory file(*.nvm) for each model at [NVRAM Download] → [Write Batch] Next, select proper binary file(*.bin) including the CH information for each model at [NVRAM File].
- 4) Click the [Download] button.

It means the completion of the CH memory download if all items show 'OK' and Status is changed by 'PASS' at the lower right corner of the window.

- 5) If you want to check whether the CH information is memorized correctly or not, click the [Verify] button. And then compare NVRAM File(*.bin) with the CH information downloaded.

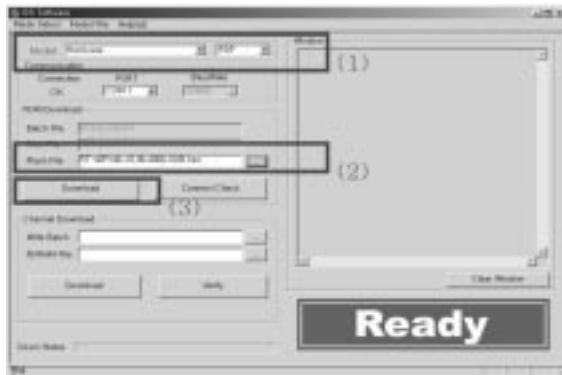


(Fig. 3-1)

3-3 Sub program download

- 1) Select "PDP" and "Hurricane" on Model dialog. And check your connection in Communication dialog. (If your connection is 'NG', then set your PORT(COM1,2,3,...) correctly.)

2) Connect RS-232C cable and turn on the power. (Use the special Cable For Sub-program) (If your connection has completed, you can see "Ready")



Each PCB assembly must be checked by check JIG set. (Because power PCB Assembly damages to PDP Module, especially be careful)

4. POWER PCB Assy Voltage Adjustments (Va, Vs Voltage Adjustments)

4-1. Test Equipment : D.M.M. 1EA

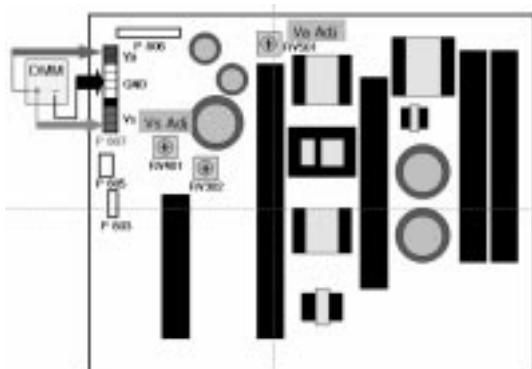
4-2. Adjustment Method [P/No 3501V00220A(Sanken PSU) B/D]

(1) Va Adjustment

- 1) After receiving 100% Full White Pattern, HEAT RUN.
- 2) Connect + terminal of D.M.M to Va pin of P807, connect - terminal to GND pin of P807.
- 3) After turning RV501, voltage of D.M.M adjustment as same as Va voltage which on label of panel right/top. (Deviation; $\pm 0.5V$)

(2) Vs Adjustment

- 1) Connect + terminal of D.M.M to Vs pin of P807, connect - terminal to GND pin of P805.
- 2) After turning RV401, voltage of D.M.M adjustment as same as Vs voltage which on label of panel right/top. (Deviation; $\pm 0.5V$)



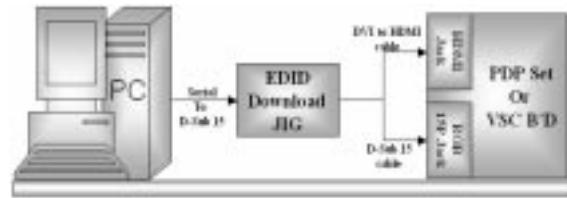
(Fig. 4) Connection diagram of power adjustment for measuring

5. EDID (The Extended Display Identification Data)/ DDC (Display Data Channel) download

5-1. Required Test Equipment

- 1) Adjusting PC with S/W for writing EDID Data.(S/W : EDID TESTER Ver.2.5)
- 2) A Jig for EDID Download
- 3) Cable : Serial(9Pin or USB) to D-sub 15Pin cable, D-sub 15Pin cable, DVI to HDMI cable

5-2. Setting of device



(Fig. 5) Connection Diagram of DDC download

5.3. Preparation for Adjustment

- 1) As above Fig. 5, Connect the Set, EDID Download Jig, PC & Cable.
- 2) Turn on the PC & EDID Download Jig. And Execute the S/W : EDID TESTER Ver.2.5
- 3) Set up S/W option
 - Repeat Number : 5
 - Device Address : A0
 - PageByte : 8
- 4) Power on the Set



5.4. Sequence of Adjustment

(1) DDC data of Analog-RGB

- 1) Init the data



- 2) Load the EDID data.(Open File)
 - [Analog-RGB : MF056A_RGB.ANA]
 - [digital(HDMI) : MF056A_DMI.DVI]
- 3) Set the S/W as below.
- 4) Push the "Write Data & Verify"button. And confirm "Yes".
- 5) If the writing is finished, you will see the "OK" message.

6. Auto AV(CVBS) Color Balance

6-1. Required

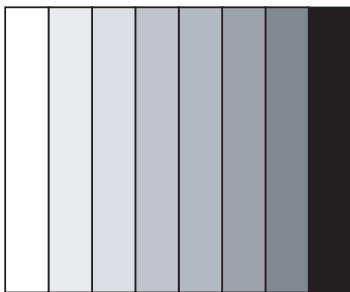
- This AV color balance adjustment should be performed before White Balance Adjustment

6-2. Required Equipment

- 1) Remote controller for adjustment
- 2) AV Pattern Generator
: 802F Pattern Generator, Master(MSPG-925FA), etc
(Which has PAL Composite Video format output with standard(1.0 Vpp) Vertical 100% Color Bar Pattern as Fig6)

6-3. Method of Auto Color Balance

- 1) Input the PAL Composite Video (Fig6. 100% Color Bar Pattern) into video input.
(42PX4RV-TA : AV1/AV2 Input 50Hz,
42PX4RV-ZA : AV4/AV5 Input)
- 2) Set the PSM to Standard mode in Picture menu.
- 3) Press INSTAR key on R/C for adjustment.
- 4) Press the **▶**(Vol. +) key operate to set, then it becomes automatically.
- 5) Auto-RGB OK means completed adjustment.



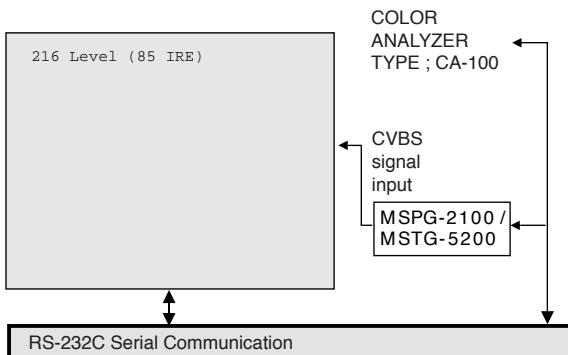
(Fig. 6) Auto AV(CVBS) Color Balance Test Pattern

7. Adjustment of White Balance

7-1. Required Equipment

- 1) Remote controller for adjustment
- 2) Color Analyzer (CA-100 or same product)
- 3) Auto W/B adjustment instrument(only for auto adjustment)
- 4) AV Pattern Generator

7-2. Connecting diagram of equipment for measuring (For Auto Adjustment)



(Fig. 7) Connection Diagram of Auto W/B adjustment

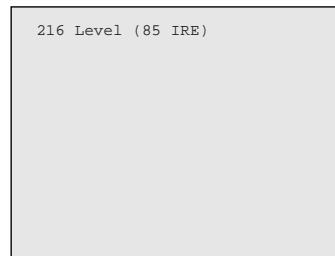
◆ Auto adjustment Map(RS-232C)

Type	MF-056A : RT-42PX40/ RZ-42PX40					
Baud Rate	Data bit		Stop bit		Parity	
115200	8		1		NONE	
Protocol Setting	Index	Cmd1	Cmd2	Data	Min Value	Max Value
	R Gain	j	a		00(00)	255(FF)
	G Gain	j	b		00(00)	255(FF)
	B Gain	j	c		00(00)	255(FF)
	R Offset	j	d		00(00)	255(FF)
	G Offset	j	e		00(00)	255(FF)
	B Offset	j	f		00(00)	255(FF)

7-3. Adjustment of White Balance

- Operate the zero-calibration of the CA-100, then stick sensor to PDP module surface when you adjust.
- For manual adjustment, it is also possible by the following sequence.

- 1) Select white pattern of heat-run mode by pressing power on key on remote control for adjustment then operate heat run more than 15 minutes.
- 2) As below Fig.7-1, Supply 216Level (85 IRE) full screen pattern to Video input.
(42PX4RV-TA : AV1/AV2 INPUT 50Hz,
42PX4RV-ZA : AV4/AV5 INPUT)
- 3) Press the TV/AV KEY on R/C for converting input mode.
- 4) Set the PSM to Standard mode in Picture menu.
- 5) Enter the White Balance adjustment mode by pressing the INSTANT key twice(White Balance) on R/C.
- 6) Stick sensor to center of the screen and select each items (Red/Green/Blue Gain and offset) using **▲** / **▼**(CH +/-) key on R/C.
- 7) Adjust Only High Light with R Gain/ B Gain using **◀** / **▶** (VOL+/-) key on R/C.
- 8) Adjust it until color coordination becomes as below.
(High Light G Gain : 7A // Low Light R Offset : 7F, G Offset 7E, B Offset 80 is Fixed)
[MF-056A : 42PX4RV-TA/ZA] - VGA 42"
Bright : High Light : 80 ± 20cd
Color-Coordinate : High Light : X : 0.285 ± 0.003
Y : 0.295 ± 0.003
Color Temperature : 9,300°K ± 500°K



(Fig. 7-1) Pattern for Adjustment of White Balance

- 9) When adjustment is completed, Exit adjustment mode using EXIT key on R/C

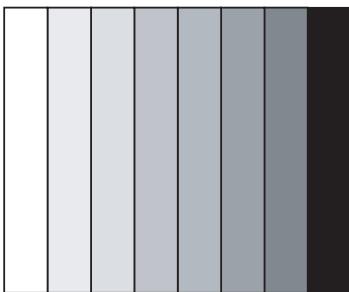
8. Auto Component Color Balance

8-1. Required Test Equipment

- 1) Remote controller for adjustment
- 2) 802F Pattern Generator
(Which has 720p Ypbpr output & PC 1024x768 60Hz with Standard(0.7Vpp) Vertical 100% Color Bar Pattern as Fig.8)

8-2. Method of Auto Component Color Balance

- 1) Input the Component 720p 100% Color Bar signal into Component1 or Component2.
- 2) Set the PSM to Standard mode in Picture menu.
- 3) Press INSTANT key on R/C for adjustment.
- 4) Press the ▶(Vol. +) key operate To set, then it becomes automatically.
- 5) Auto-RGB OK means complete adjustment



(Fig. 8) Auto Component Color Balance Test Pattern

9. Auto RGB Color Balance

9-1. Required Test Equipment

- 1) Remote controller for adjustment
- 2) 802F Pattern Generator, Master (MSPG-925FA), etc.
(Which has XGA 60Hz PC Format output with standard (0.7Vpp) horizontal black and white pattern as Fig.10)

9-2. Method of Auto RGB Color Balance

- 1) Input the PC 1024x768 60Hz horizontal black and white pattern into RGB.
- 2) Set the PSM to Standard mode in Picture menu.
- 3) Press ADJ key on R/C for adjustment.
- 4) Press the ▶(Vol. +) key operate To set, then it becomes automatically.
- 5) Auto-RGB OK means completed adjustment.



(Fig. 9) Auto RGB Color Balance Test Pattern

9. Default Value in Adjustment mode

9-1. Auto Color Balance (Component/RGB)

Auto Color Balance(HEX)	
Auto-RGB	► To Set
Red Offset1	80
Green Offset1	80
Blue Offset1	80
Red Offset2	80
Green Offset2	80
Blue Offset2	80
Red Gain	80
Green Gain	80
Blue Gain	80
Reset	► To Set

(Fig. 10) Default Value on OSD

9-2. White Balance

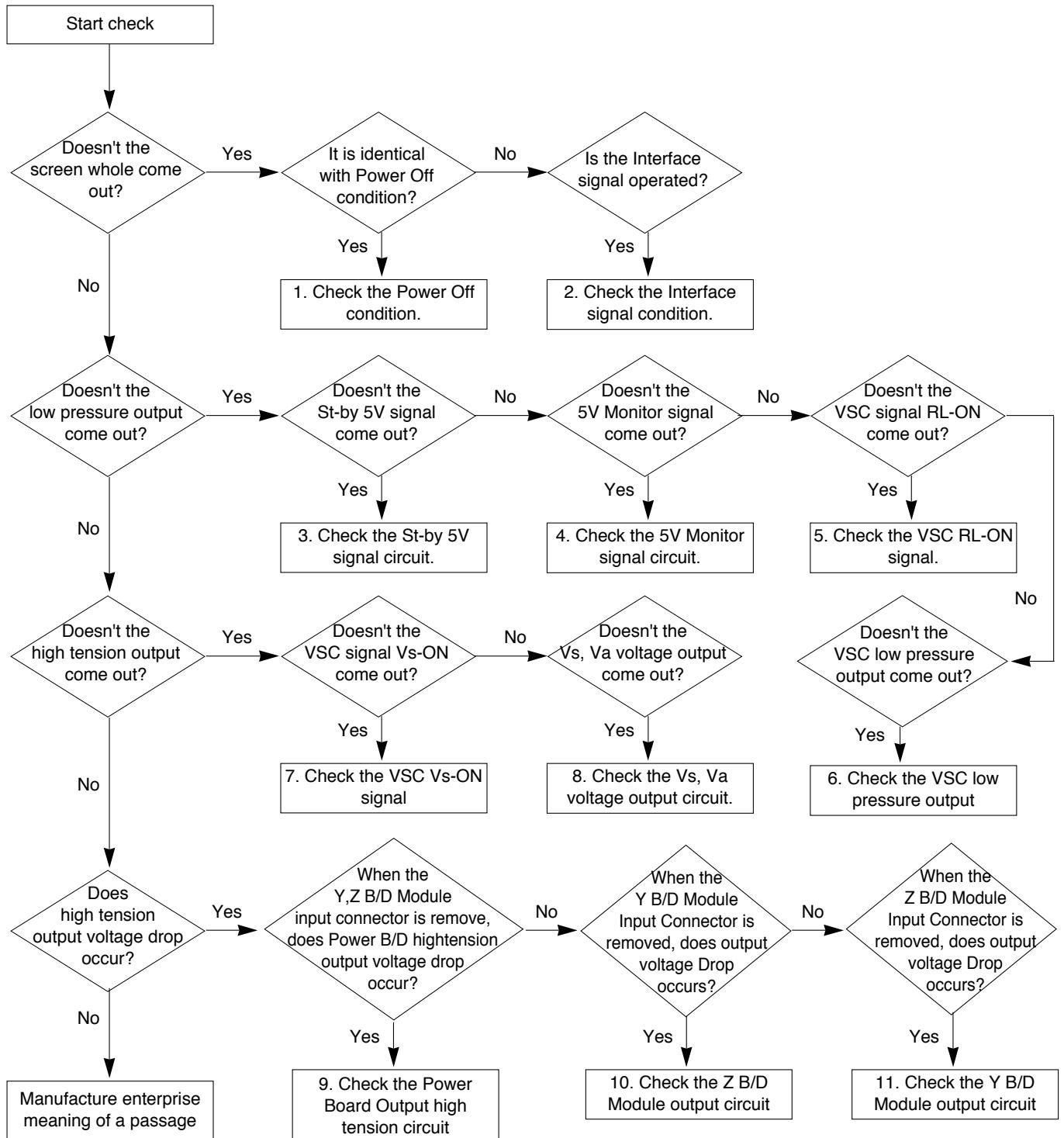
White Balance(Hex)	
Red Gain	80
Red Offset	80
Green Gain	80
Green Offset	80
Blue Gain	80
Blue Offset	80
Reset	► To Set

(Fig. 10-1) Default Value on OSD

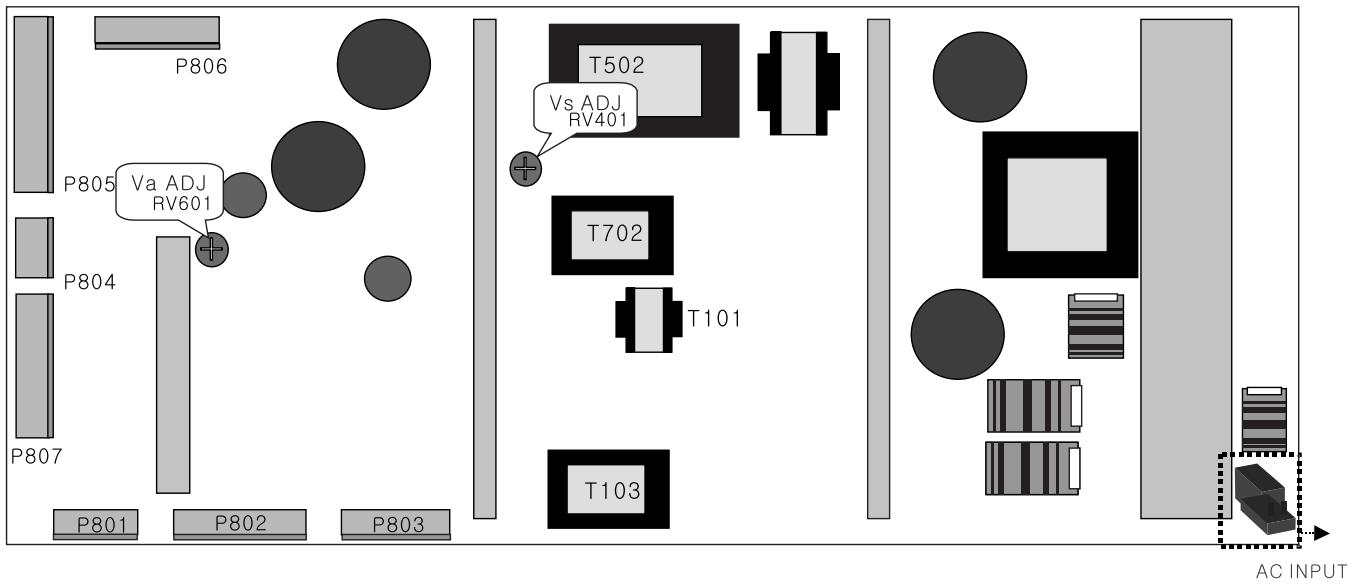
TROUBLE SHOOTING GUIDE

1. Power Board

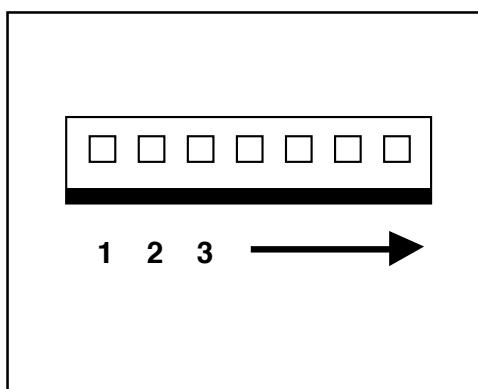
1-1. The whole flowchart which it follows in voltage output state



1-2. Sony Power Board Structure

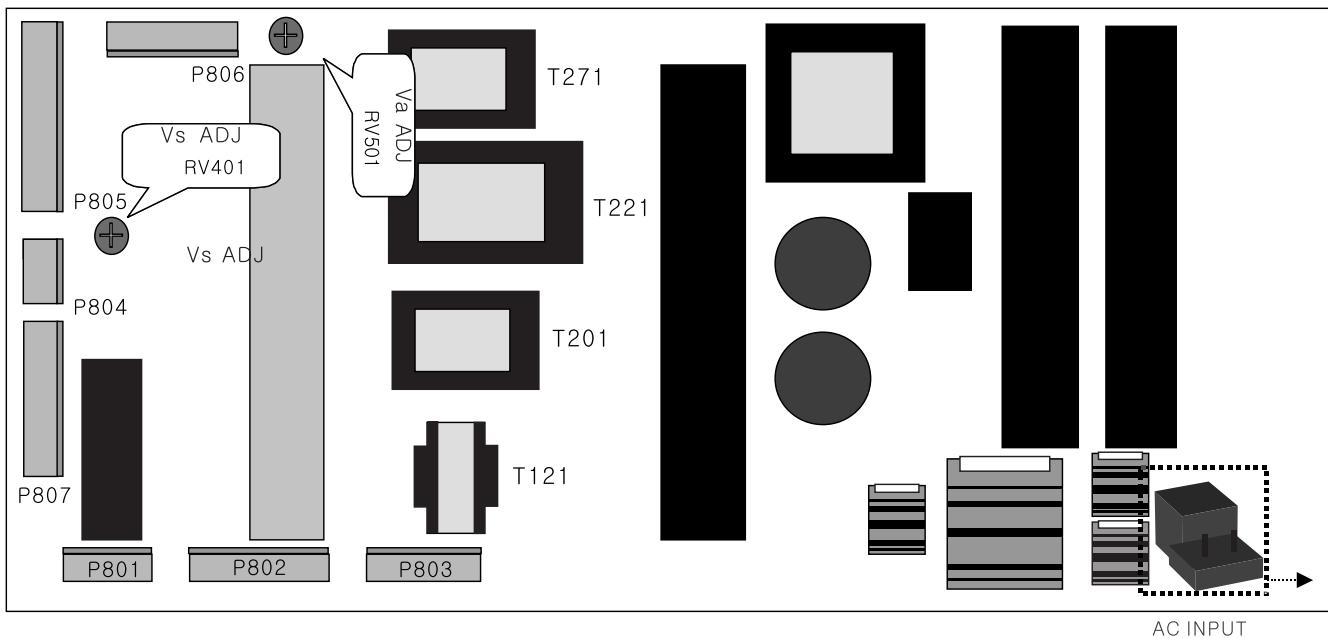


PIN No	1	2	3	4	5	6	7	8	9	10	11	12
P801	POD	5V-MNT	VS-ON	GND	STBY5V	RL-ON	A-ON					
P802	GND	GND	12V	12V	GND	GND	6V	6V	GND	GND	3.4V	3.4V
P803	GND	12V	GND	3.4V	GND	6V	GND	GND	25V	25V		
P804	GND	GND	5V	5V								
P805	Vs	Vs	Vs	NC	GND	GND	GND	GND	Va	Va		
P806	5V	GND	Va	GND	GND	NC	Vs	Vs				
P807	5V	5V	5V	5V	GND	GND	GND	GND				

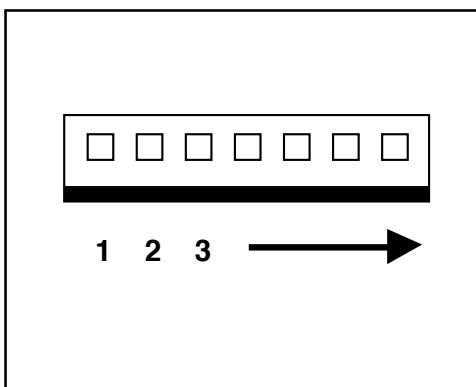


T502: Vs Trans
 T702: Va Trans
 T101: St-by Trans
 T103: Low Voltage Trans

1-3. Sanken Power Board Structure



PIN No	1	2	3	4	5	6	7	8	9	10	11	12
P801	NC	5V-MNT	VS-ON	GND	STBY5V	RL-ON	A-ON					
P802	GND	GND	12V	12V	GND	GND	6V	6V	GND	GND	3.4V	3.4V
P803	GND	12V	GND	3.4V	GND	6V	GND	GND	19V	19V		
P804	GND	GND	5V	5V								
P805	Vs	Vs	Vs	NC	GND	GND	GND	GND	Va	Va		

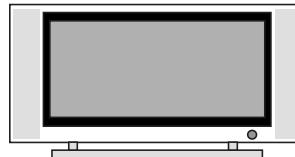


T221: Vs Trans
 T271: Va Trans
 T121: St-by Trans
 T201: Low Voltage Trans

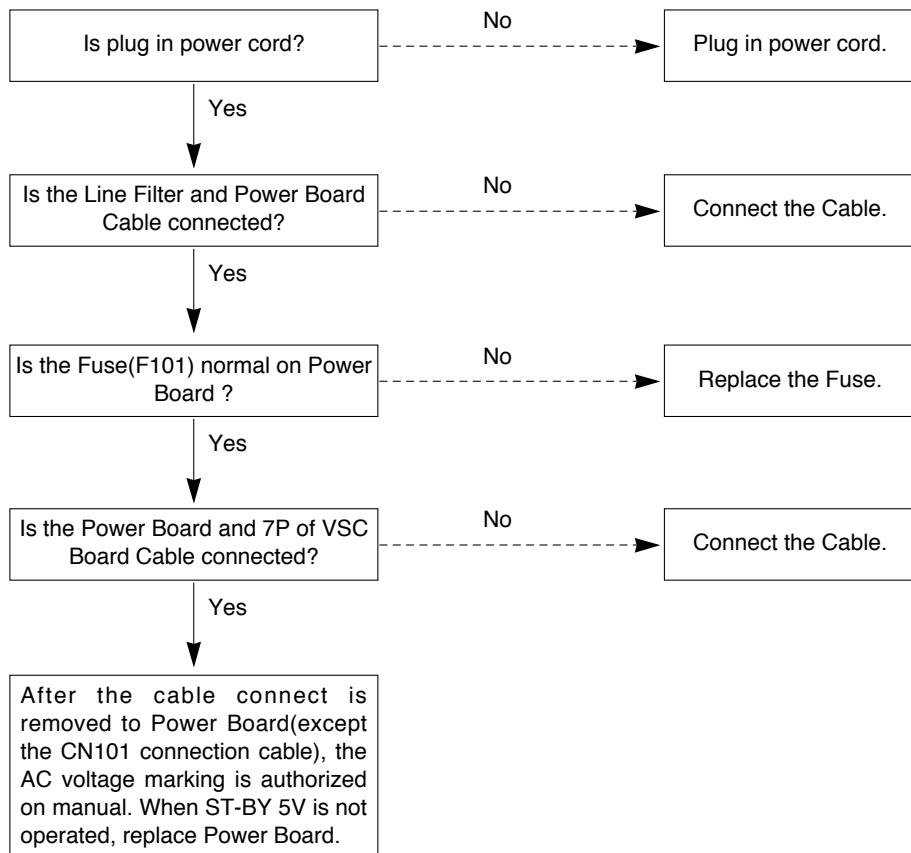
2. No Power

(1) Symptom

- Doesn't minute discharge at module.
- Non does not come in into the front LED.



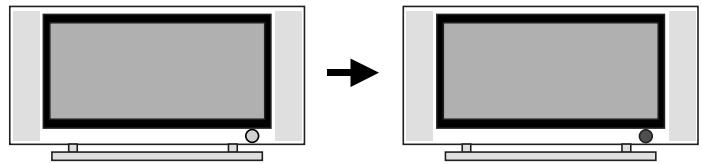
(2) Check following



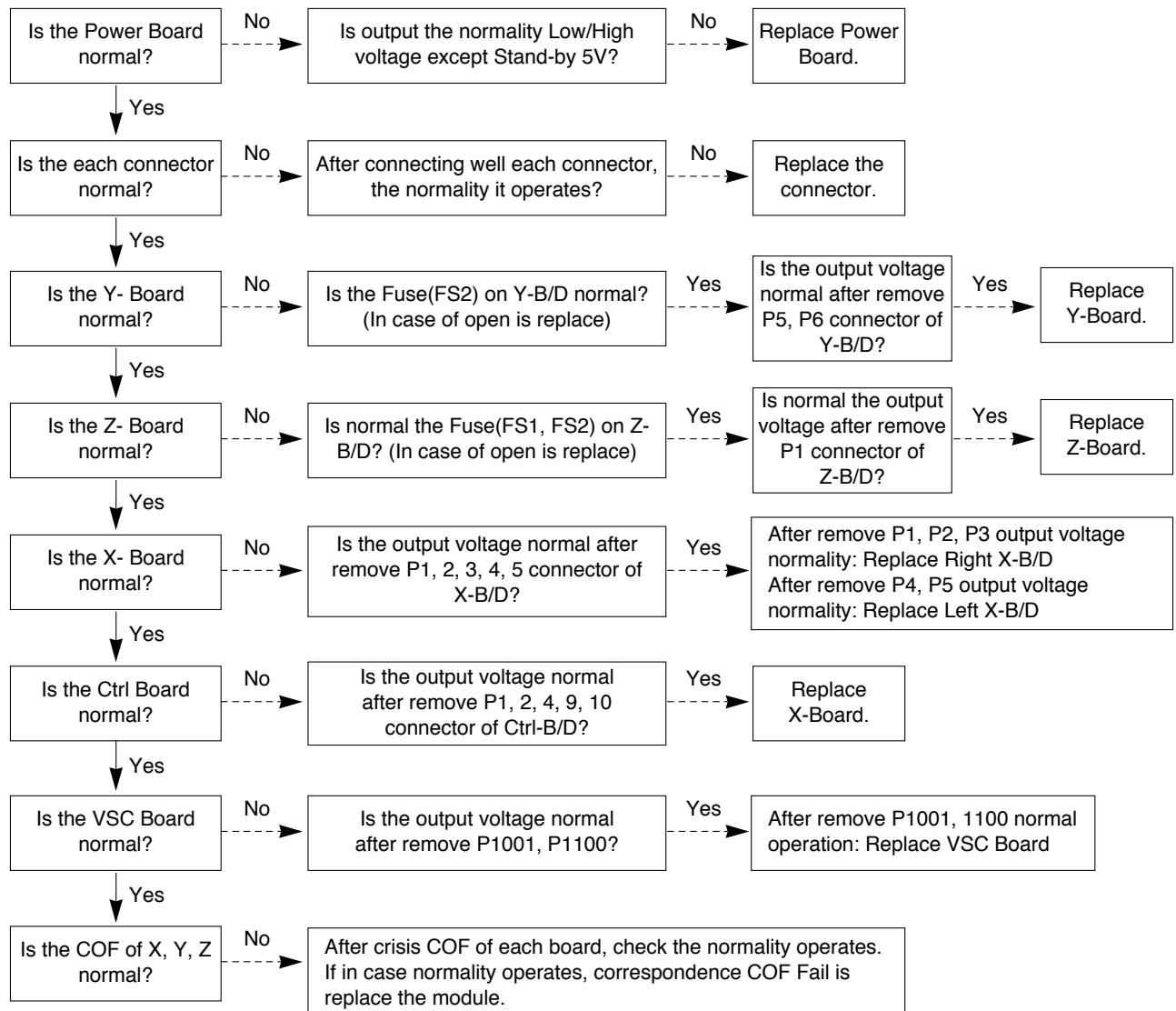
3. Protect Mode

(1) Symptom

- After once shining, it does not discharge minutely from module
- The Rely falls(The sound is audible “click”)
- It is converted with the color where the front LED is red from green.



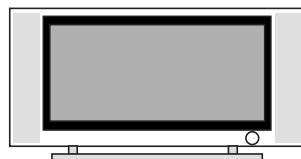
(2) Check following



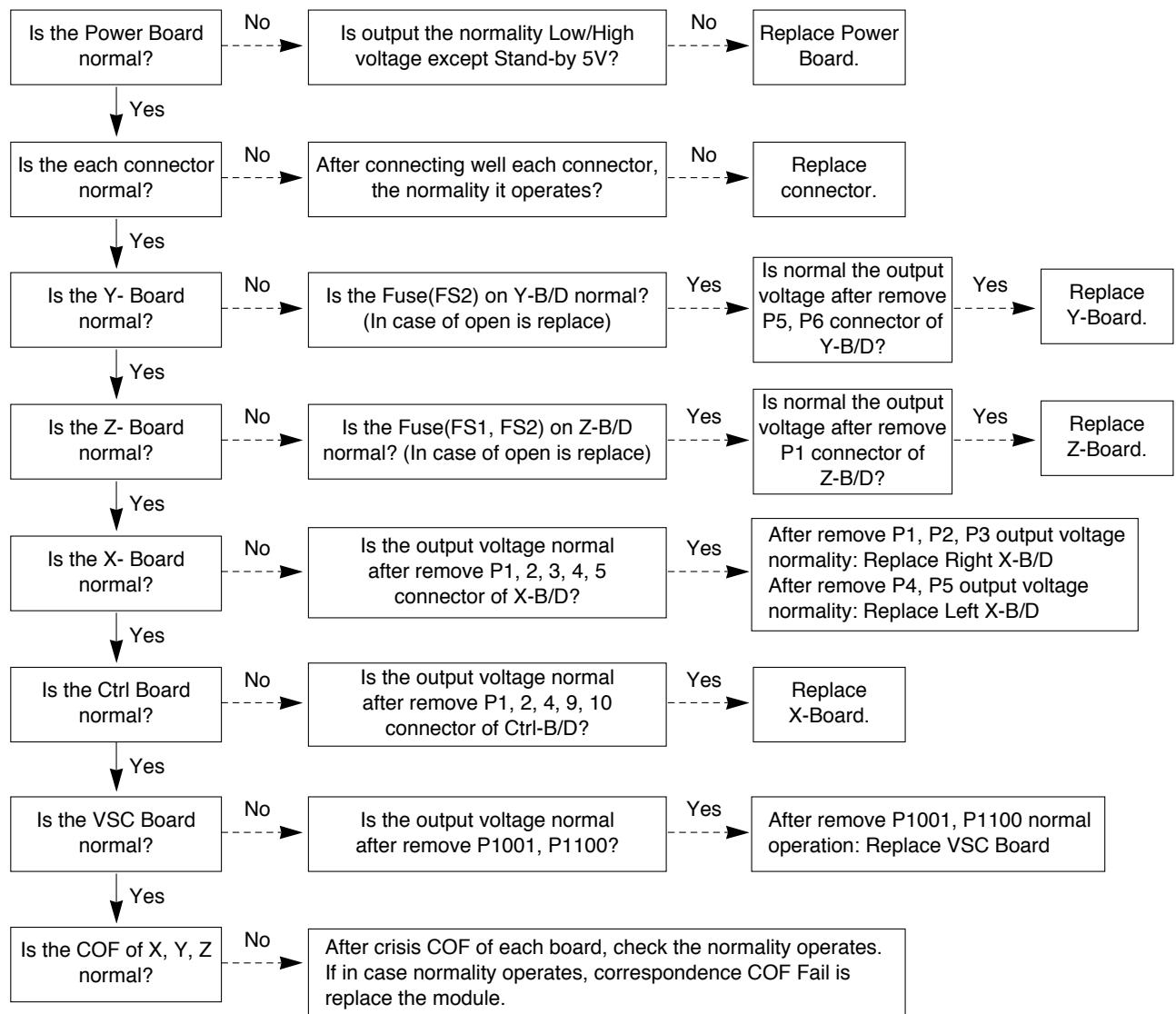
4. No Raster

(1) Symptom

- Doesn't minute discharge at module.
- It maintains the condition where the front LED is green.



(2) Check following

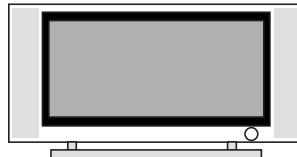


5. In case of occurring strange screen into specific mode

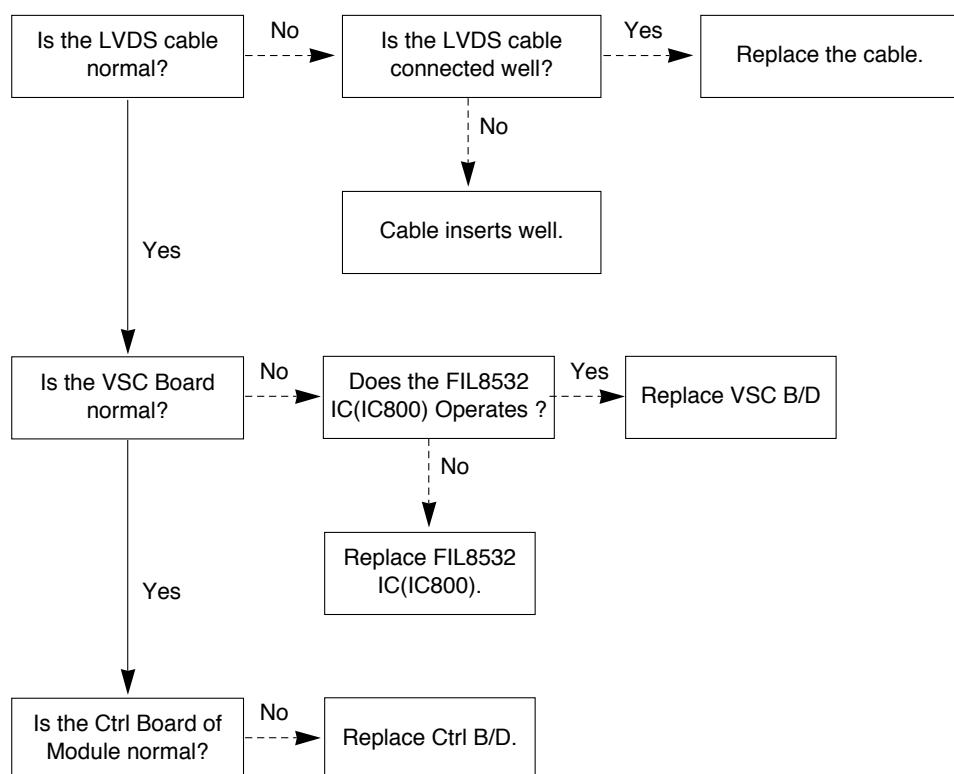
5-1. In case the OSD does not displayed

(1) Symptom

- LED is green
- The minute discharge continuously becomes accomplished from module



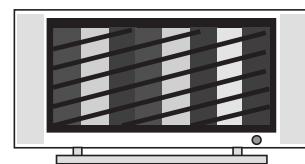
(2) Check following



5-2. In case of does't display the screen into specific mode

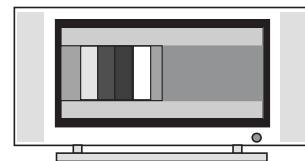
(1) Symptom

- The screen does not become the display from specific input mode (RF, AV, Component, RGB, DVI).

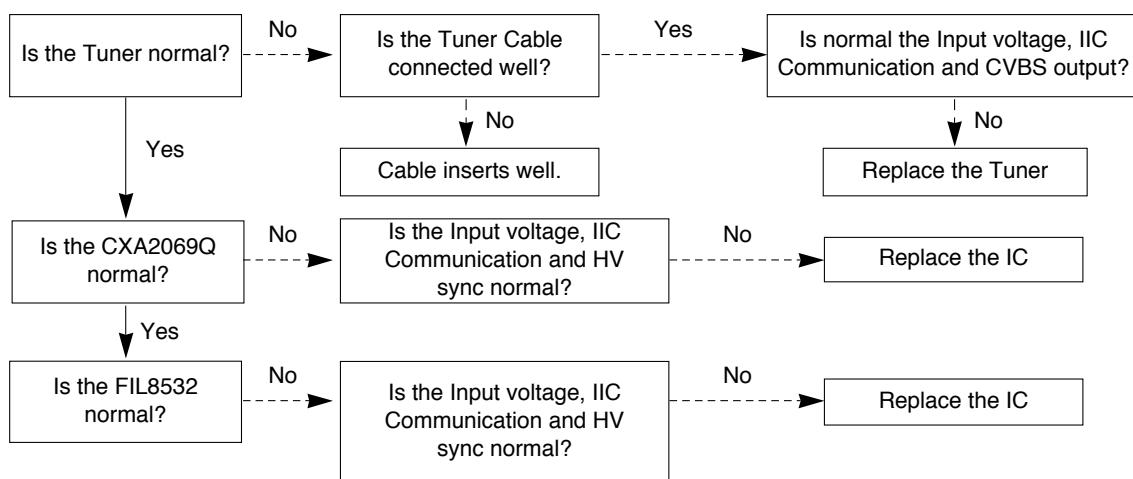


(2) Check following

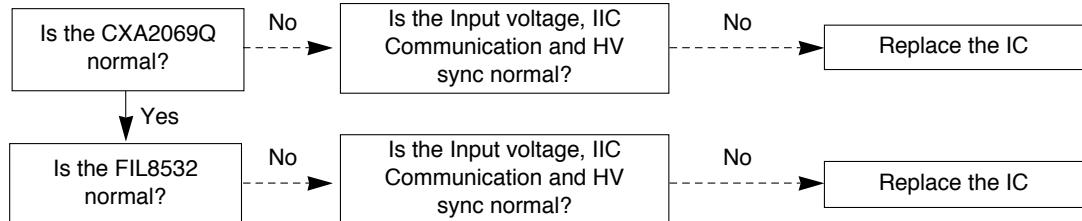
- Check the all input mode should become normality display.
- Check the Video(Main)/Data(Sub), Video(Main)/Video(Sub) should become normality display from the PIP mode or DW mode. (Re-Check it Swap)



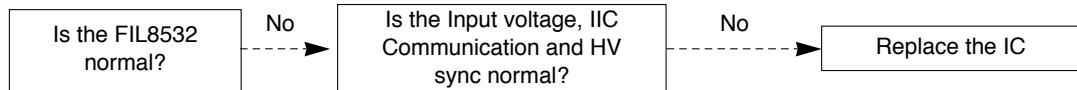
(3) In case of becomes unusual display from RF mode



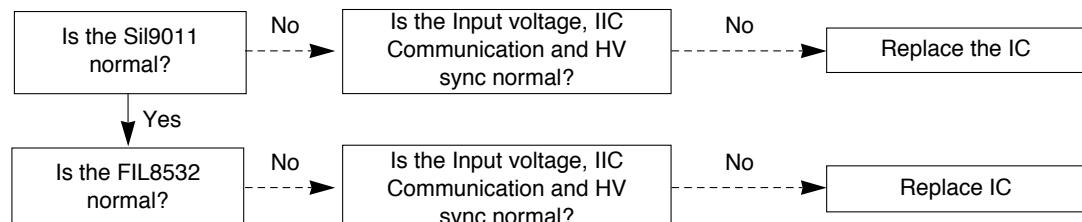
(4) In the case of becomes unusual display from RF, AV mode



(5) In the case of becomes unusual display from Component, RGB mode



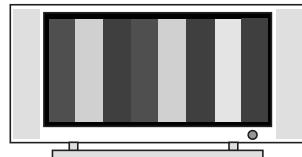
(6) In the case of becomes unusual display from HDMI mode



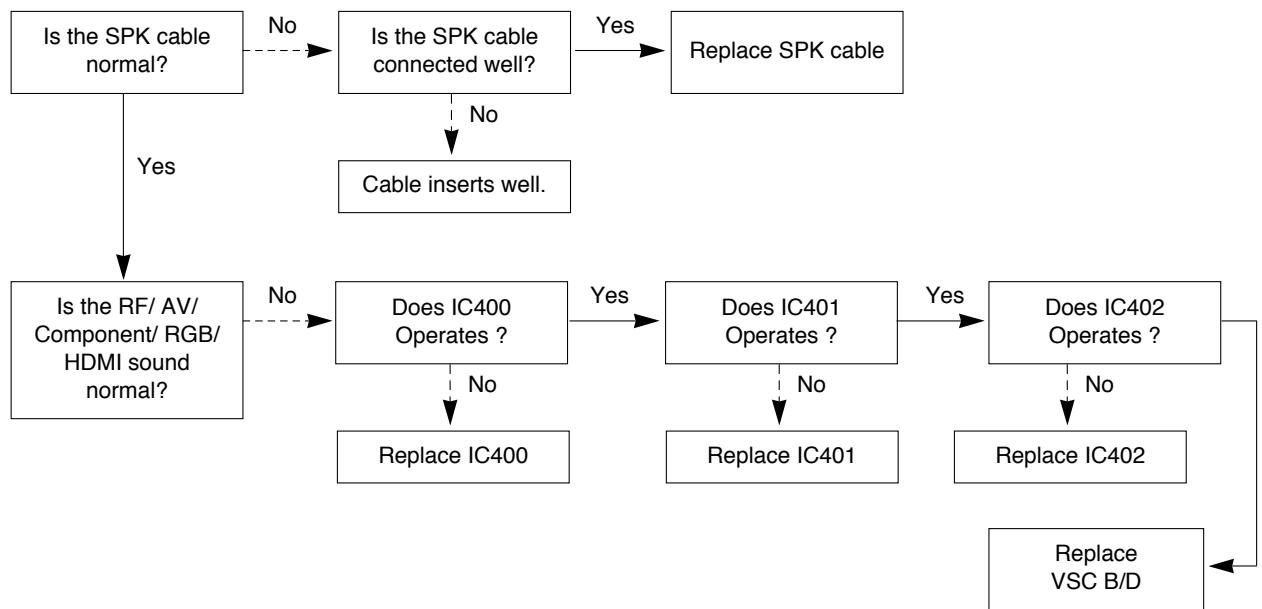
6. In case of no sound

(1) Symptom

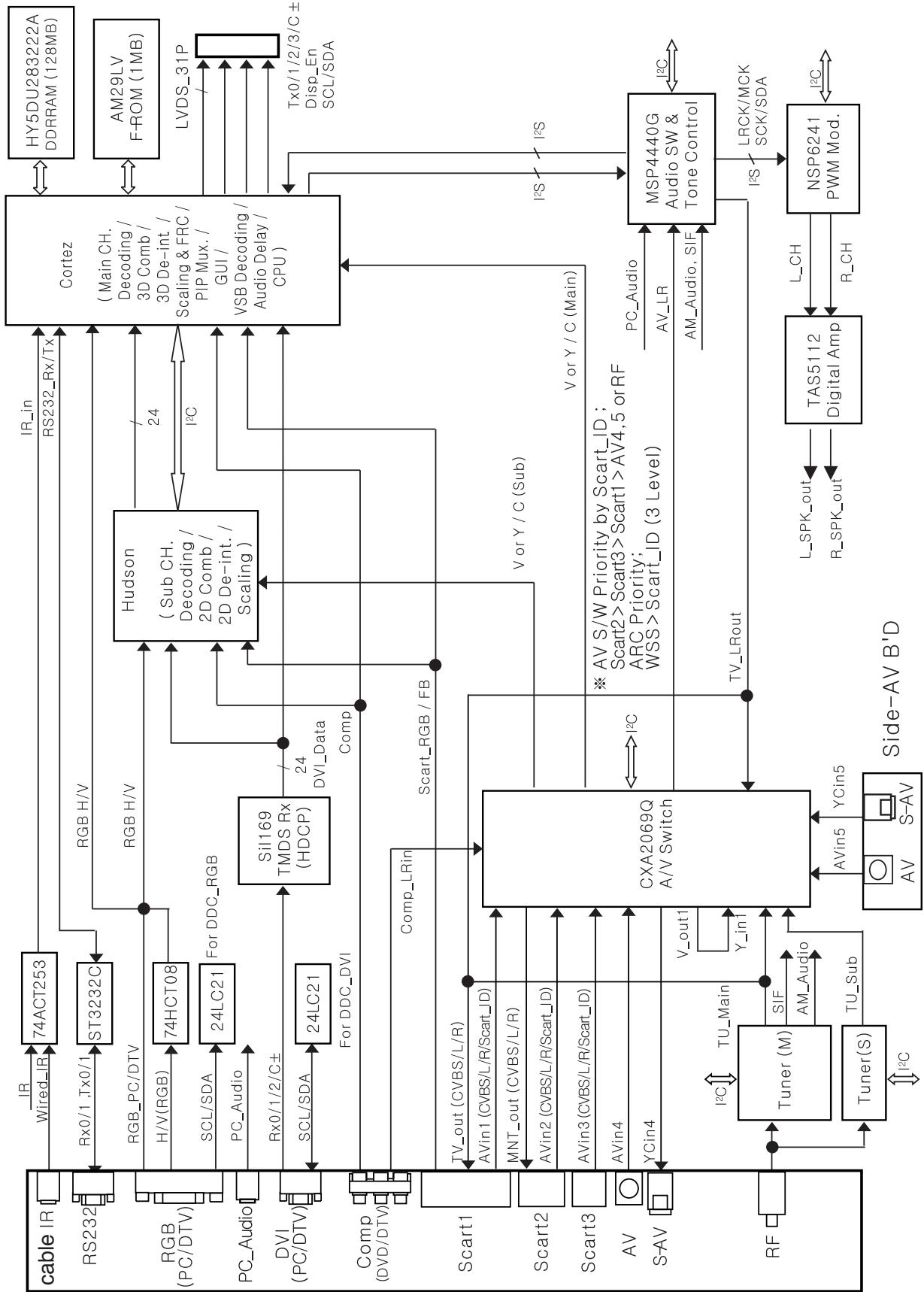
- LED is green
- Screen display but sound is not output



(2) Check following

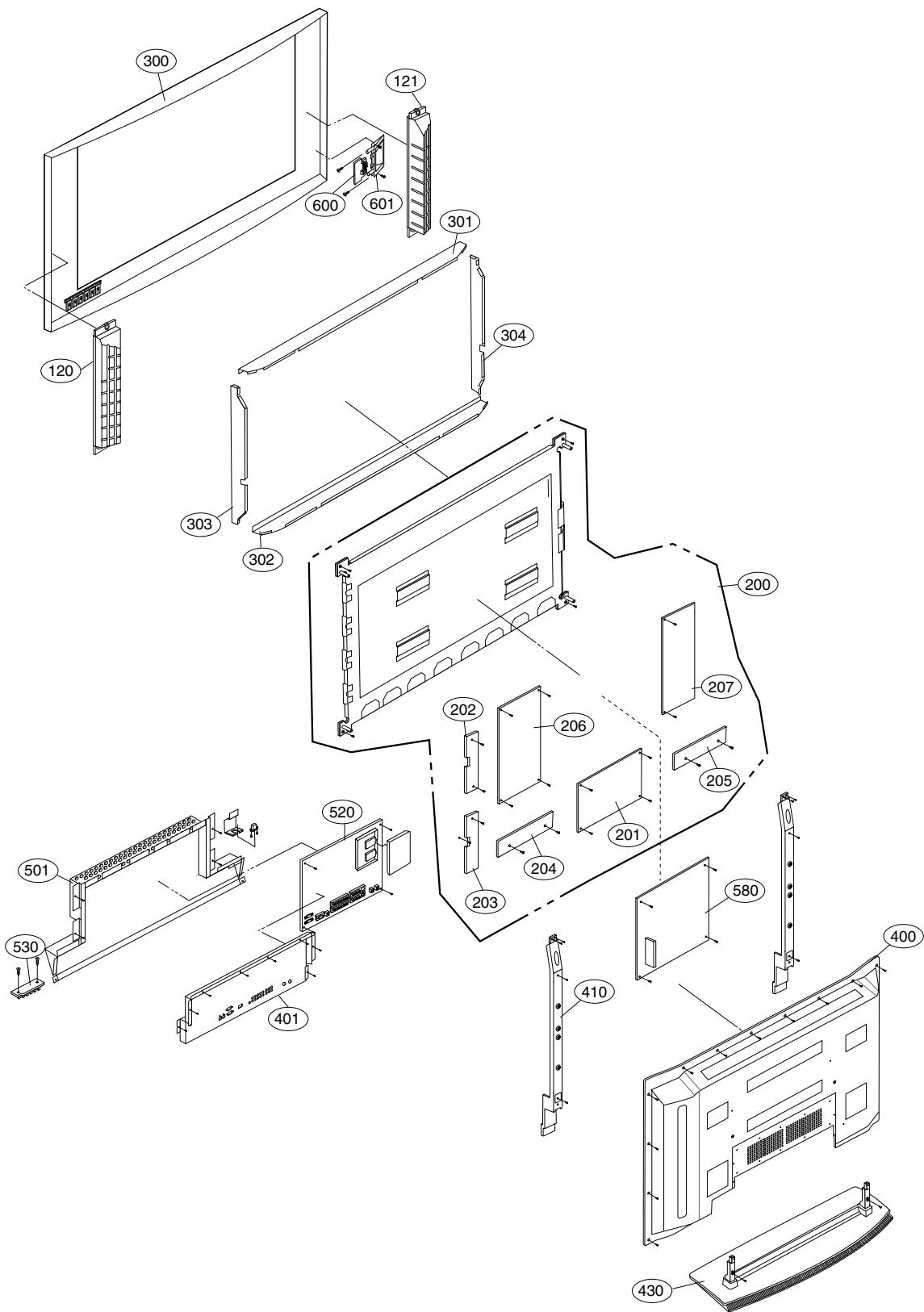


BLOCK DIAGRAM



MEMO

EXPLODED VIEW



EXPLODED VIEW PARTS LIST

No.	Part No.	Descriptions
120	6401VD0032A	SPEAKER ASSEMBLY, FULL RANGE(R) RZ-42PX30 FILM TYPE
121	6401VD0033A	SPEAKER ASSEMBLY, FULL RANGE(L) RZ-42PX30 FILM TYPE
200	6348Q-E080W	PDP, 42" 852*480 PDP42V70102.ADLGB
201	6871QCH053A	PWB(PCB) ASSEMBLY,DISPLAY CTRL ASSY HAND INSERT 42V7 FPGA
202	6871QDH084A	PWB(PCB) ASSEMBLY,DISPLAY YDRV ASSY HAND INSERT 42V7 YDRV TOP B/D
203	6871QDH085A	PWB(PCB) ASSEMBLY,DISPLAY YDRV ASSY HAND INSERT 42V7 YDRV BTM B/D
204	6871QLH047A	PWB(PCB) ASSEMBLY,DISPLAY XRLT ASSY HAND INSERT 42V7 XL B/D
205	6871QRH055A	PWB(PCB) ASSEMBLY,DISPLAY XRRT ASSY HAND INSERT 42V7 XR B/D
206	6871QYH036A	PWB(PCB) ASSEMBLY,DISPLAY YSUS ASSY HAND INSERT 42V7
207	6871QZH041A	PWB(PCB) ASSEMBLY,DISPLAY ZSUS ASSY HAND INSERT 42V7
300	3091V00816D	CABINET ASSEMBLY, RZ-42PX31 STEREO MF056C FILM TYPE SKD
	3091V00816H	CABINET ASSEMBLY, 42PX3RVB STEREO RF052C FILM TYPE SKD
301	4980V01203B	SUPPORTER, ASSY AL FILTER TOP RZ-42PX30 C/SKD
302	4980V01204B	SUPPORTER, ASSY AL FILTER BOTTOM RZ-42PX30 C/SKD
303	4980V01205B	SUPPORTER, ASSY AL FILTER RIGHT RZ-42PX30 C/SKD
304	4980V01206B	SUPPORTER, ASSY AL FILTER LEFT RZ-42PX30 C/SKD
400	3809V00605B	BACK COVER ASSEMBLY, 42PX17/30 CHASSIS CHANGE C/SKD
	3809V00605G	BACK COVER ASSEMBLY, 42PX3RVB CHASSIS CHANGE BK SPRAY
401	3301V00085A	PLATE ASSEMBLY, ASSY 3300V00552A RZ-42PX30 PLATE TUNER COVER
	3301V00085E	PLATE ASSEMBLY, ASSY 3300V00552A 42PX3RVB PLATE TUNER COVER BK
410	4980V01071B	SUPPORTER, ASSY AL VERTICAL RZ-42PX10 SKD
430	3501V00216E	BOARD ASSEMBLY, ASSY AP-42DX30 MF056C C/SKD
	3501V00216F	BOARD ASSEMBLY, ASSY AP-42DX30 MF056C BK C/SKD
501	3301V00083A	PLATE ASSEMBLY, ASSY 3300V00550A 3301V00084A 42PX17/30 PLATE TUNER
	3301V00083G	PLATE ASSEMBLY, ASSY 42PX3RVB BK PRESS AV PLATE
520	6871VMMF71A	PWB(PCB) ASSEMBLY,MAIN MF-056A RZ-42PX31 SUSAB SKD
530	6871VSMS36B	PWB(PCB) ASSEMBLY,SUB CONT MF056C RZ-42PX30 SKD NO VINYL
580	6709V00010A	POWER SUPPLY ASSEMBLY, PDP 42INCH MF056A 350W YPSU-J006A
600	6871VSMS18B	PWB(PCB) ASSEMBLY,SUB A/V MF056A RT/RZ-42PX40 SIDE A/V SUSAB
601	4811V00118A	BRACKET ASSEMBLY, DECO RZ-42PX10 RF043B SIDE AV
	4811V00118N	BRACKET ASSEMBLY, SIDE AV 42PX3RVB-ZA AF044A BLACK

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
IC					
IC1000	0IPRPM001A	MIC39100 MICREL 3P SOT223 R/TP	Q104	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC1001	0IMCRRH001A	BA033FP-E2 ROHM 3P-SOP,TO252-3	Q1200	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC1002	0IMCRFA010A	KA7809R, FAIRCHILD 2P D-PAK, R/TP	Q200	0TR150400BA	CHIP 2SA1504S(ASY) KEC
IC1003	0IPMG00027A	SC156515M-1.8TR SEMTECH 5P/TO-263-5	Q201	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC1004	0IMCRRH001A	BA033FP-E2 ROHM 3P-SOP,TO252-3	Q202	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC1005	0IMCRRH001A	BA033FP-E2 ROHM 3P-SOP,TO252-3	Q203	0TR150400BA	CHIP 2SA1504S(ASY) KEC
IC1100	0IMCRRH001A	BA033FP-E2 ROHM 3P-SOP,TO252-3	Q204	0TR150400BA	CHIP 2SA1504S(ASY) KEC
IC1101	0IPRPM001A	MIC39100 MICREL 3P SOT223 R/TP	Q205	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC1102	0IPMG00027A	SC156515M-1.8TR SEMTECH 5P/TO-263-5	Q206	0TR150400BA	CHIP 2SA1504S(ASY) KEC
IC1103	0IPMGKE030A	KIA78R05F KEC 5PIN DPAK R/TP 1A,5V	Q207	0TR150400BA	CHIP 2SA1504S(ASY) KEC
IC1104	0IPMG00027A	SC156515M-1.8TR 5P/TO-263-5	Q300	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC1105	0IPRPM001A	MIC39100 MICREL 3P SOT223 R/TP	Q301	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC1200	0IPRPS005A	SII9011CLU(PB FREE) SILICON IMAGE 128P	Q302	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC1201	0IMMRAL014B	AT24C02N-10SI-2.7 ATMELO 8P SOIC	Q303	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC202	0IPMGON013B	MC34063ADR2G ON SEMI SO-8P	Q304	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC300	0ISO206900A	CXA2069Q QFP64 BK I2C BUS AV S/W	Q305	0TR150400BA	CHIP 2SA1504S(ASY) KEC
IC301	0ISA721700C	LA7217M MFP14 TP SYNC SEPARATOR	Q400	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC400	0IMCRMN028B	MSP4410K MICRONAS 80P/PQFP	Q401	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC401	0ILNR00015A	NSP-2100A,LF NEOFIDELITY TQFP	Q402	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC402	0IMCRTI028C	TAS5122DCAR 56P/TSSOP R/TP 30W	Q403	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC403	0ISS455880A	KA4558D 8SOP OP AMP	Q404	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC404	0IPH741400E	74HC14D 14SOP TP SHITTER TRIGGER	Q405	0TR102008AA	KRA102S R/TP KEC SOT23 CHIP TR
IC500	0IMMRAL014B	AT24C02N-10SI-2.7 ATMELO 8P SOIC	Q407	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC502	0IPH741400E	74HC14D 14SOP TP SHITTER TRIGGER	Q408	0TR102008AA	KRA102S R/TP KEC SOT23 CHIP TR
IC600	0IPRPM0009A	ICL3232CBNZ INTERSIL 16P/SOP R/TP	Q409	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC700	0IMCR02006A	FLI8125AA-LF GENESIS 208P/PQFP	Q410	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC701	0IMMRAL025A	AT24C32AN-10SI-2.7 ATMELO 8PIN SOP	Q411	0TR387500AA	CHIP 2SC3875S(ALY) KEC
IC703	0IMMR00004A	SST25VF040-20-4C-S2AE-T SST SOIC 8P	DIODE		
IC800	0IMCR02005A	FLI8532BC-LF GENESIS 416P/PBGA	D1005	0DD226239AA	KDS226 TP KEC
IC802	0IMP242560A	24LC256-I/SM 8P,SOP TP 256K IIC	D1006	0DD226239AA	KDS226 TP KEC
IC901	0IMMR00002A	K4D261638F-LC50,LF TSOPII 66P	D1007	0DD226239AA	KDS226 TP KEC
IC902	0IMMR00002A	K4D261638F-LC50,LF TSOPII 66P	D1008	0DD226239AA	KDS226 TP KEC
TRANSISTOR			D1009	0DD226239AA	KDS226 TP KEC
IC1202	0TR830009BA	BSS83 TP PHILIPS N-CHANNEL S/W TR	D1010	0DD226239AA	KDS226 TP KEC
IC1203	0TR830009BA	BSS83 TP PHILIPS N-CHANNEL S/W TR	D1012	0DD200009AF	RU2M V(1) TP SANKEN
IC200	0TR830009BA	BSS83 TP PHILIPS N-CHANNEL S/W TR	D1013	0DD200009AF	RU2M V(1) TP SANKEN
IC201	0TR830009BA	BSS83 TP PHILIPS N-CHANNEL S/W TR	D102	0DD226239AA	KDS226 TP KEC
IC503	0TR830009BA	BSS83 TP PHILIPS N-CHANNEL S/W TR	D103	0DD226239AA	KDS226 TP KEC
IC504	0TR830009BA	BSS83 TP PHILIPS N-CHANNEL S/W TR	D104	0DD226239AA	KDS226 TP KEC
Q100	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D105	0DD226239AA	KDS226 TP KEC
Q1000	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D106	0DD226239AA	KDS226 TP KEC
Q1001	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D108	0DD226239AA	KDS226 TP KEC
Q1002	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D1100	0DD226239AA	KDS226 TP KEC
Q1003	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D1105	0DD226239AA	KDS226 TP KEC
Q1004	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D1106	0DD226239AA	KDS226 TP KEC
Q101	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D1107	0DD226239AA	KDS226 TP KEC
Q101	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D1109	0DD226239AA	KDS226 TP KEC
Q102	0TR102008AA	KRA102S R/TP KEC SOT23 CHIP TR	D1110	0DD226239AA	KDS226 TP KEC
Q102	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D1112	0DD226239AA	KDS226 TP KEC
Q103	0TR387500AA	CHIP 2SC3875S(ALY) KEC	D113	0DD226239AA	KDS226 TP KEC
			D114	0DD226239AA	KDS226 TP KEC
			D1200	0DD184009AA	KDS184 TP KEC - 85V - 300MA

For Capacitor & Resistors,	CC, CX, CK, CN : Ceramic	RD : Carbon Film
the characters at 2nd and 3rd	CQ : Polyester	RS : Metal Oxide Film
digit in the P/No. means as	CE : Electrolytic	RN : Metal Film
follows;		RF : Fusible

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
D1201	0DS113379BA	1SS133 T-72 TP ROHM KOREA DO34 90V	C1115	0CE477DJ618	470UF STD 35V 20% FL TP 5
D300	0DD226239AA	KDS226 TP KEC	C1116	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD
D500	0DD226239AA	KDS226 TP KEC	C1117	0CE227VF6DC	220UF MV 16V 20% R/TP(SMD) SMD
D501	0DD226239AA	KDS226 TP KEC	C1118	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD
D502	0DD226239AA	KDS226 TP KEC	C1119	0CE477DJ618	470UF STD 35V 20% FL TP 5
D504	0DR050008AA	SD05.TC R/TP SEMTECH SOD323 5V 5A 15A	C1120	0CE227VF6DC	220UF MV 16V 20% R/TP(SMD) SMD
D505	0DR050008AA	SD05.TC R/TP SEMTECH SOD323 5V 5A 15A	C1126	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD
D506	0DR050008AA	SD05.TC R/TP SEMTECH SOD323 5V 5A 15A	C1135	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
ZD100	0DR050008AA	SD05.TC R/TP SEMTECH SOD323 5V 5A 15A	C1136	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
ZD101	0DR050008AA	SD05.TC R/TP SEMTECH SOD323 5V 5A 15A	C1137	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
ZD107	0DR050008AA	SD05.TC R/TP SEMTECH SOD323 5V 5A 15A	C1138	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
ZD300	0DR050008AA	SD05.TC R/TP SEMTECH SOD323 5V 5A 15A	C1148	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
ZD301	0DR050008AA	SD05.TC R/TP SEMTECH SOD323 5V 5A 15A	C1149	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
ZD400	0DZRM00248A	RLZ8.2B-TE11 ROHM R/TP LLDS(LL-34)	C1150	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
ZD600	0DR050008AA	SD05.TC R/TP SEMTECH SOD323 5V 5A 15A	C1151	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
CAPACITOR					
C1000	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C1154	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1005	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C1159	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1007	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C1162	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1009	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C1165	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1010	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C1166	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1019	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C117	0CE227SF6DC	220UF MVG 16V 20% R/TP(SMD) SMD
C1022	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C118	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C103	0CE4763F618	47UF SRE 16V M FL TP5	C1185	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1030	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1186	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1043	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1187	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1046	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C1188	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1047	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1189	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1050	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C119	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C1051	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C1190	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1064	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1191	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1065	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1192	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1066	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1193	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1067	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1195	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1068	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1199	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1069	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C120	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C1071	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C1200	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C1073	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C1201	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C108	0CE227SF6DC	220UF MVG 16V 20% R/TP(SMD) SMD	C121	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C1082	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1225	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C1083	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1230	0CK105DF64A	1UF 2012 16V 20% R/TP F(Y5V)
C1084	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1231	0CK105DF64A	1UF 2012 16V 20% R/TP F(Y5V)
C1085	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1245	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C1087	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C1247	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1098	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C129	0CE227SF6DC	220UF MVG 16V 20% R/TP(SMD) SMD
C1099	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C130	0CE227SF6DC	220UF MVG 16V 20% R/TP(SMD) SMD
C1102	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1302	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1105	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C1304	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1107	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C1306	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1108	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C1309	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1110	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C131	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
			C1311	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
			C1312	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP

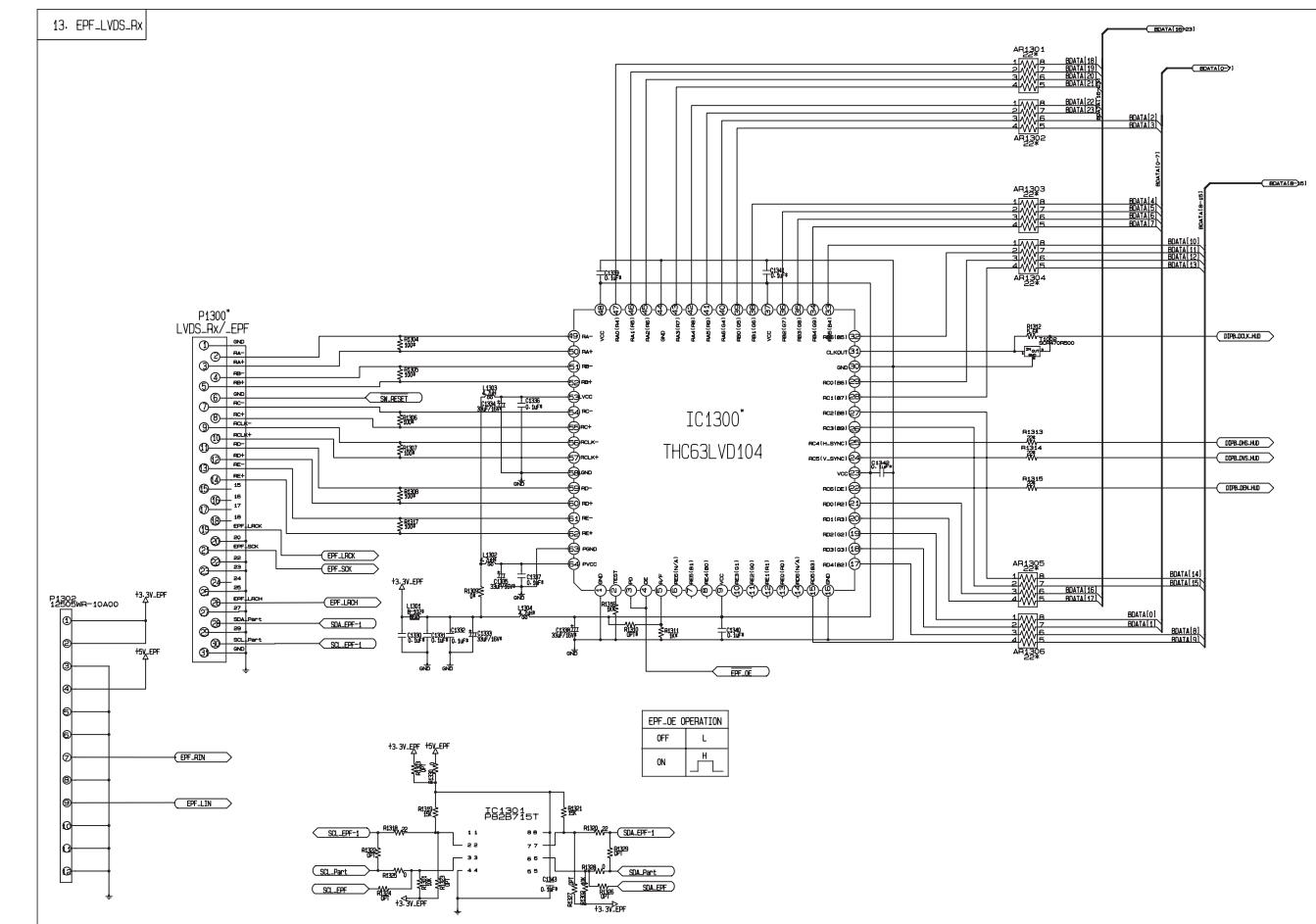
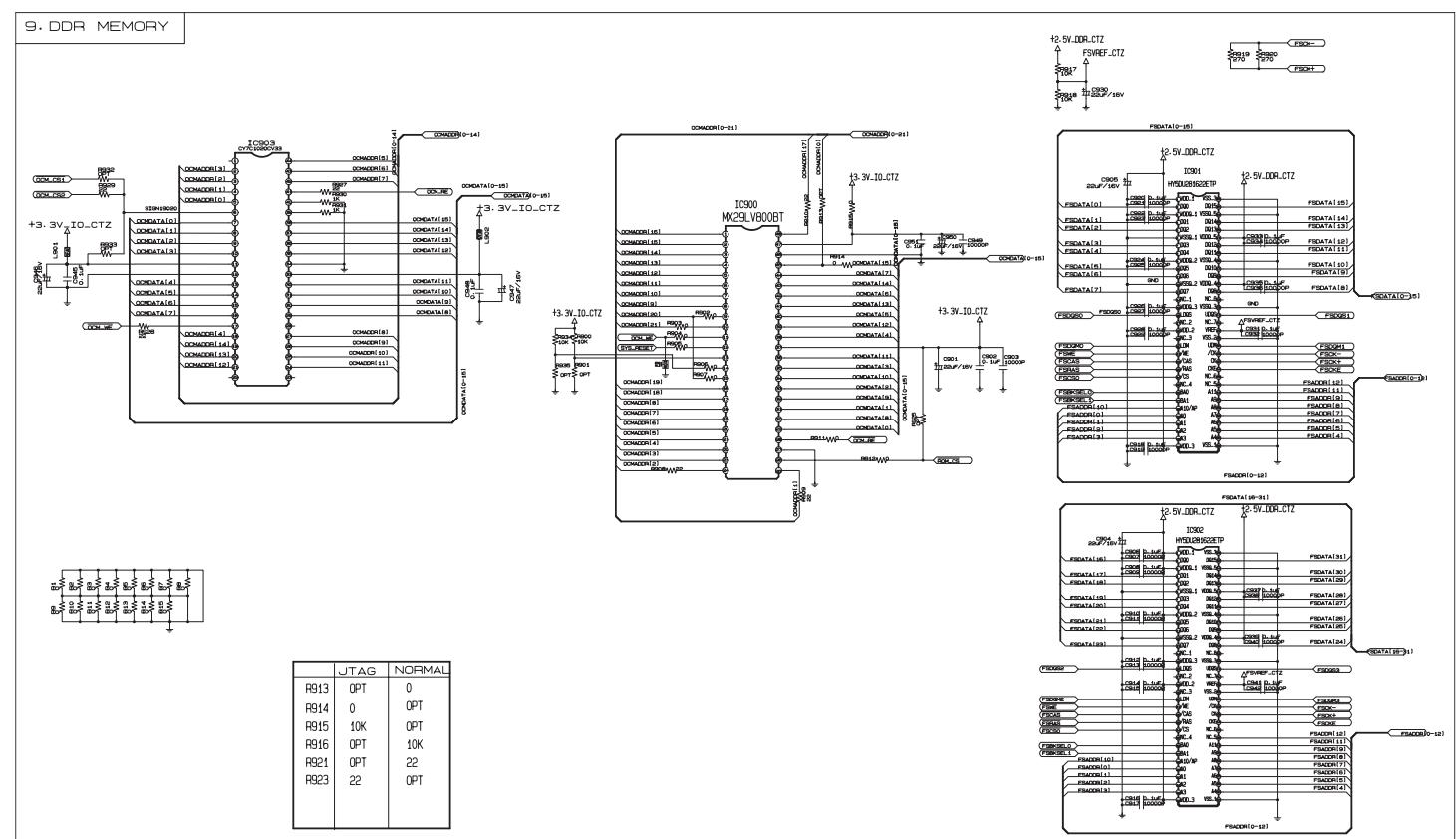
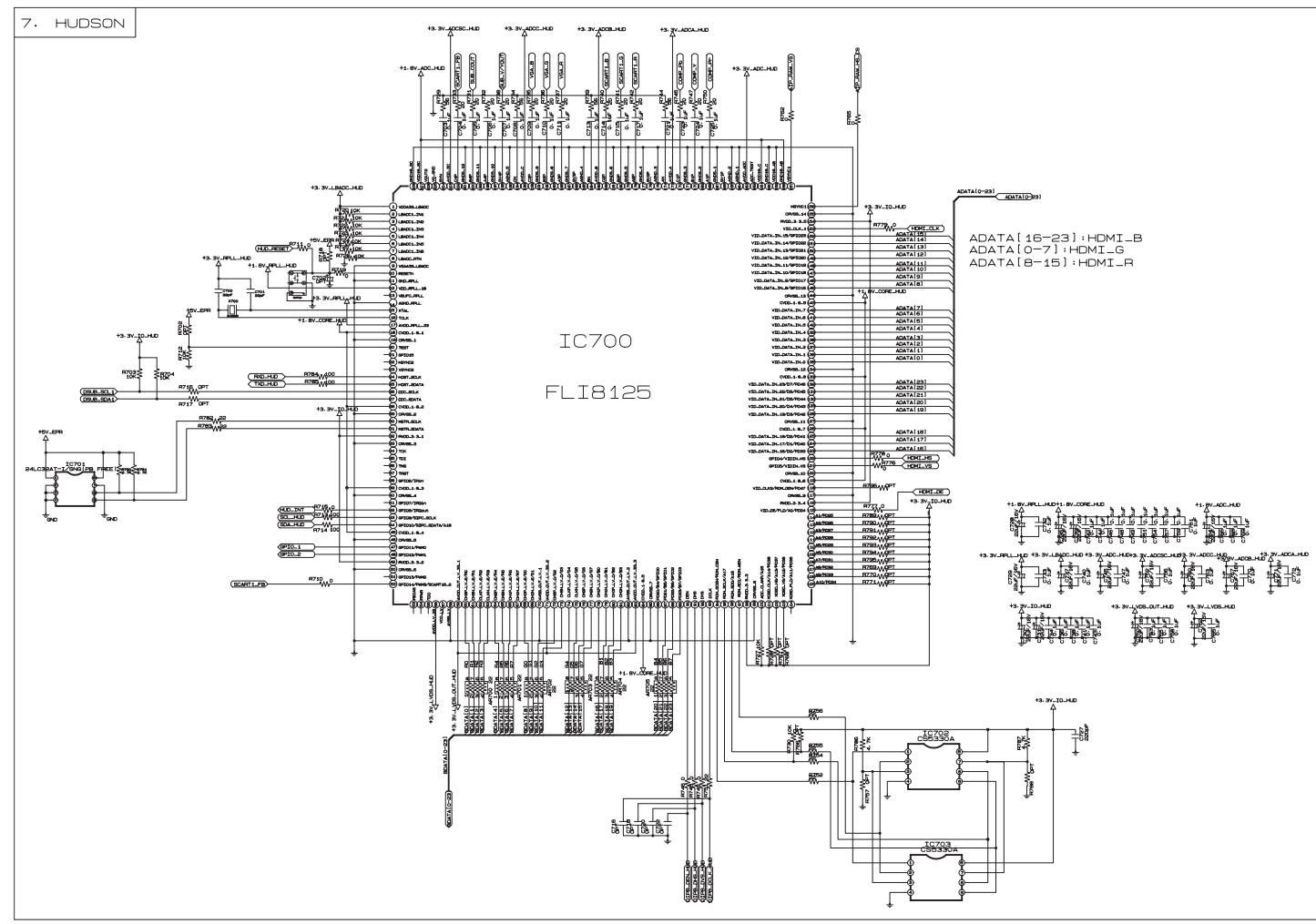
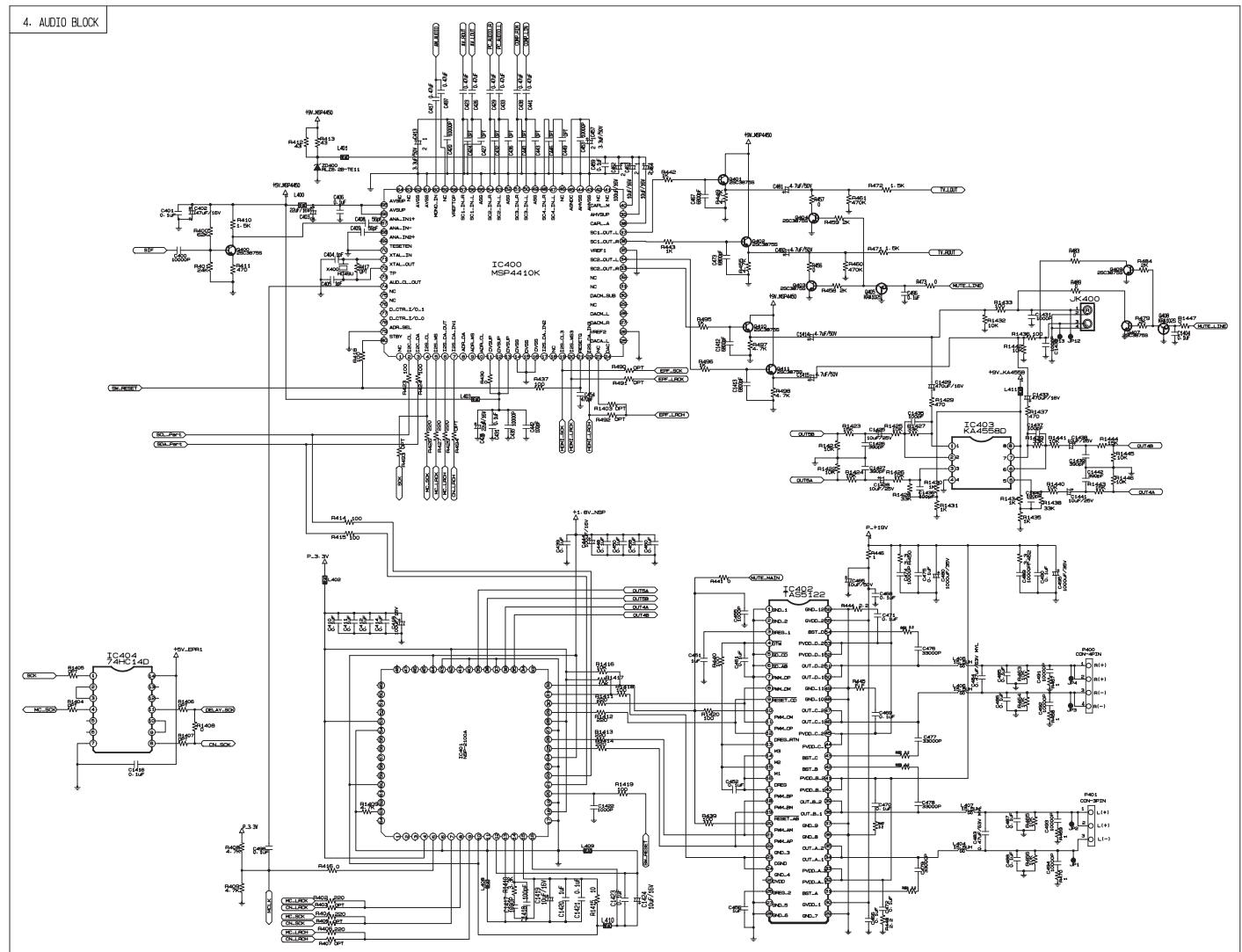
For Capacitor & Resistors,	CC, CX, CK, CN : Ceramic	RD : Carbon Film
the characters at 2nd and 3rd digit in the P/No. means as follows;	CO : Polyester	RS : Metal Oxide Film
	CE : Electrolytic	RN : Metal Film
		RF : Fusible

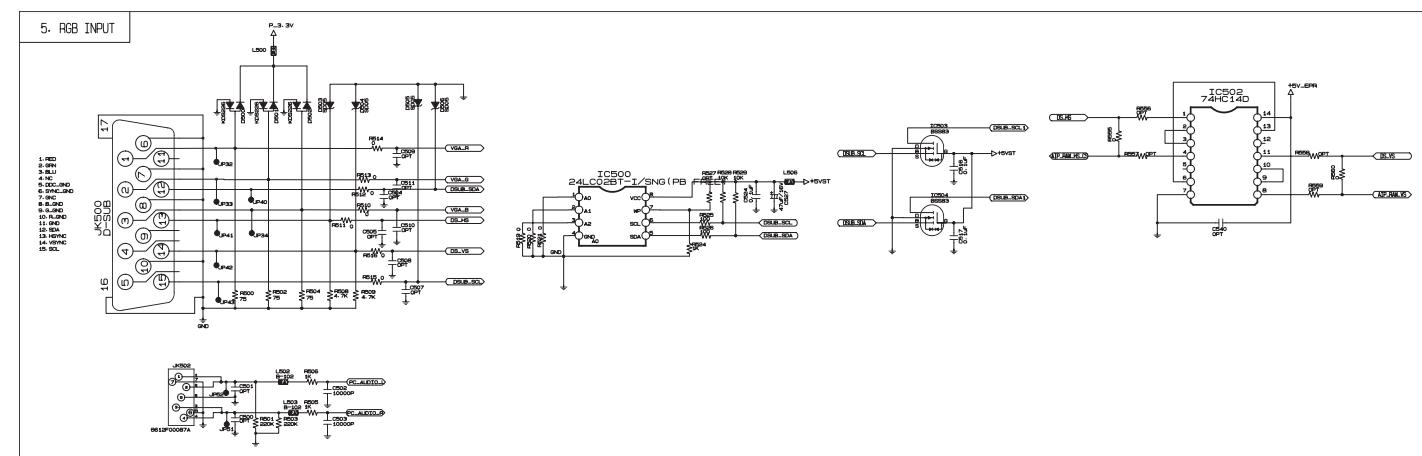
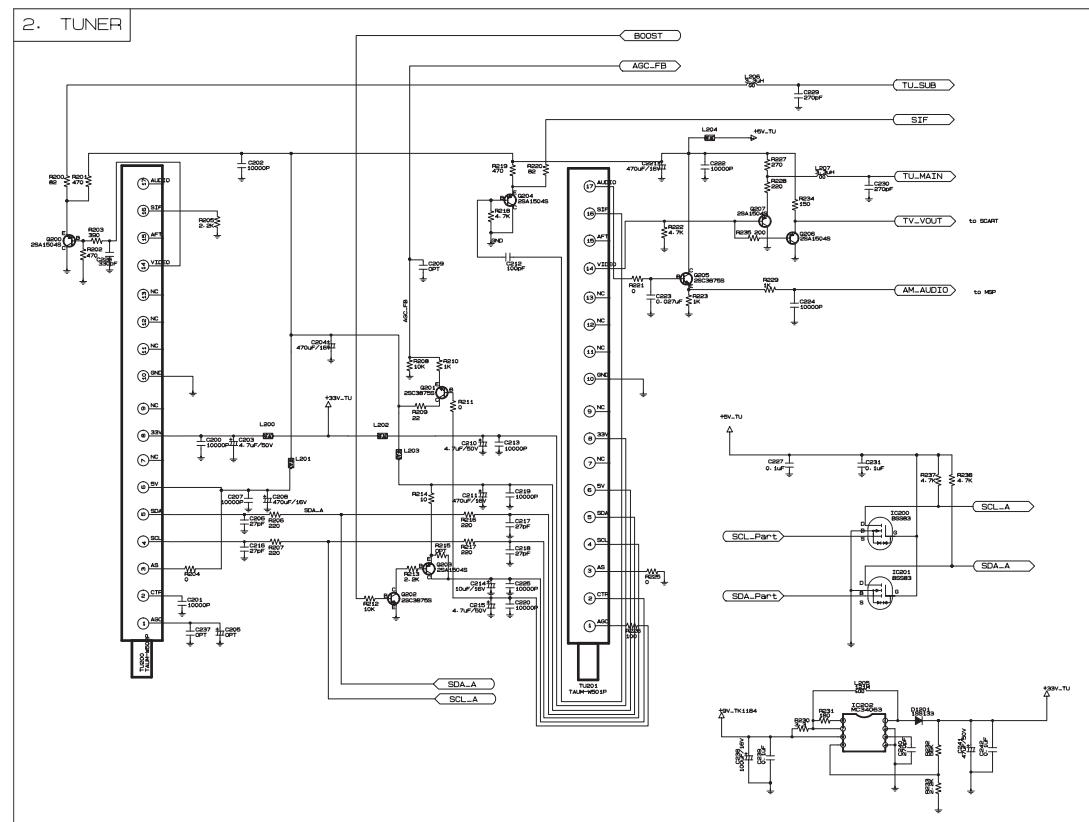
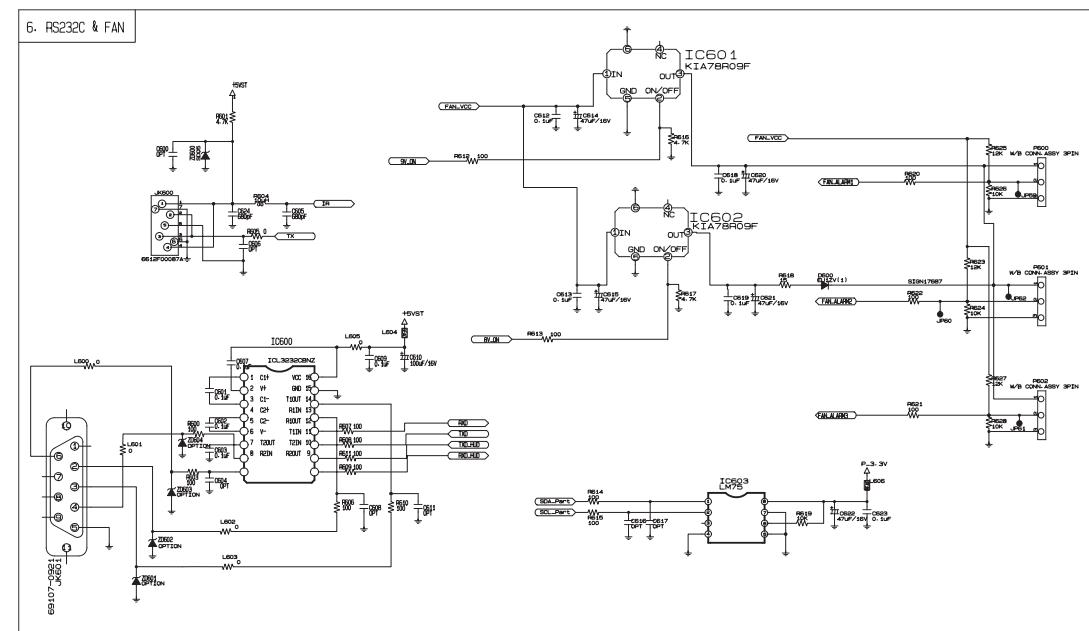
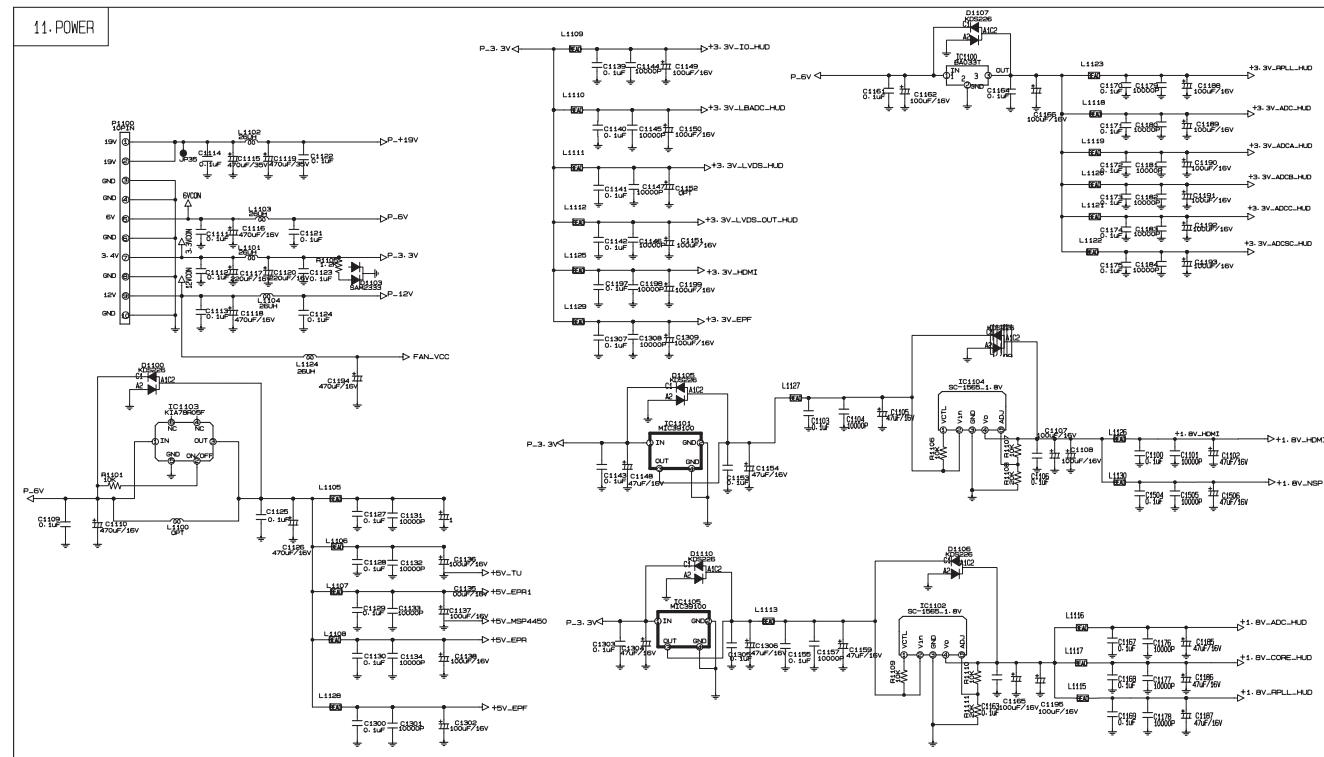
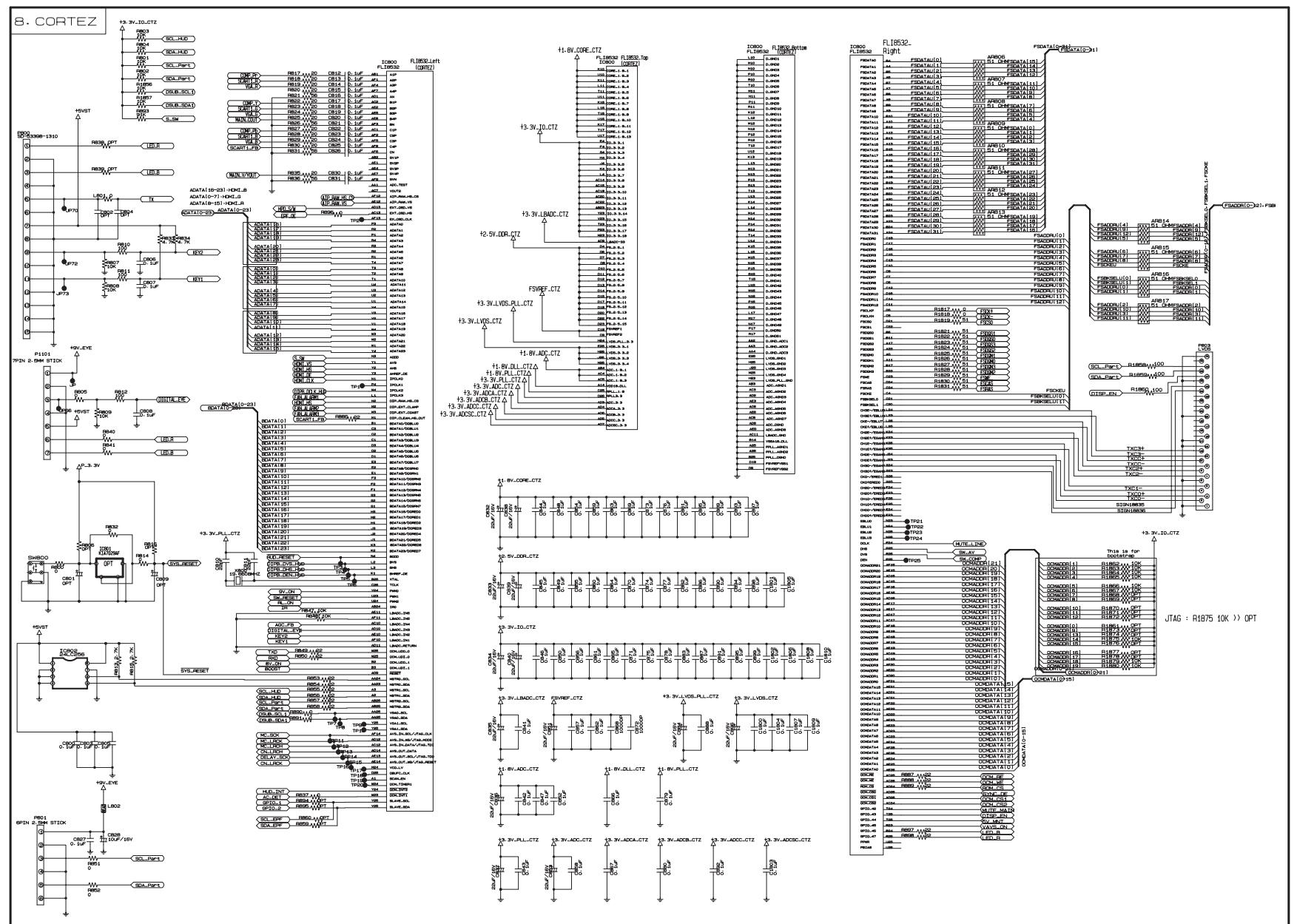
LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C1313	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C457	0CE335VK6DC	3.3UF MV 50V 20% R/TP(SMD) SMD
C1314	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C462	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1315	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C463	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C1316	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C464	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD
C1317	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C465	0CE106SK6DC	10UF MVG 50V 20% SMD R/TP
C1318	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C480	0CE108DJ618	1000UF STD 35V 20% FL TP 5
C135	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C481	0CE475SK6DC	4.7UF MVG 50V 20% SMD R/TP
C1414	0CE475SK6DC	4.7UF MVG 50V 20% SMD R/TP	C482	0CE475SK6DC	4.7UF MVG 50V 20% SMD R/TP
C1415	0CE475SK6DC	4.7UF MVG 50V 20% SMD R/TP	C483	0CF4741L438	0.47UF D 63V 5% TP 5 M/PE NI
C1419	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD	C484	0CF4741L438	0.47UF D 63V 5% TP 5 M/PE NI
C1420	0CK105DF64A	1UF 2012 16V 20% R/TP F(Y5V)	C495	0CE108DJ618	1000UF STD 35V 20% FL TP 5
C1424	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD	C527	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP
C1425	0CE106SH6DC	10UF MVG 25V 20% SMD R/TP	C610	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP
C1428	0CE106SH6DC	10UF MVG 25V 20% SMD R/TP	C728	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C1438	0CE106SH6DC	10UF MVG 25V 20% SMD R/TP	C729	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C1441	0CE106SH6DC	10UF MVG 25V 20% SMD R/TP	C730	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C1506	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C731	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C203	0CE475SK6DC	4.7UF MVG 50V 20% SMD R/TP	C735	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C204	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C737	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C208	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C739	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C210	0CE475SK6DC	4.7UF MVG 50V 20% SMD R/TP	C745	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C211	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C750	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C214	0CE106SF6DC	10UF MVG 16V 20% R/TP(SMD) SMD	C752	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C215	0CE475SK6DC	4.7UF MVG 50V 20% SMD R/TP	C760	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C221	0CE477SF6DC	470UF MVG 16V 20% R/TP(SMD) SMD	C762	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C238	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C764	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C241	0CE476SK6D8	47UF MVG,MC 50V 20% SMD TAPPING	C767	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C300	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C771	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C304	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP	C832	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C305	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	C833	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C307	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C834	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C310	0CK225DFK4A	2.2UF 2012 16V 20%,-20% F(Y5V) R/TP	C835	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C315	0CK225DFK4A	2.2UF 2012 16V 20%,-20% F(Y5V) R/TP	C836	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C318	0CK225DFK4A	2.2UF 2012 16V 20%,-20% F(Y5V) R/TP	C837	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C319	0CK225DFK4A	2.2UF 2012 16V 20%,-20% F(Y5V) R/TP	C838	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C320	0CK225DFK4A	2.2UF 2012 16V 20%,-20% F(Y5V) R/TP	C839	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C321	0CK225DFK4A	2.2UF 2012 16V 20%,-20% F(Y5V) R/TP	C840	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C325	0CK225DFK4A	2.2UF 2012 16V 20%,-20% F(Y5V) R/TP	C851	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C328	0CK225DFK4A	2.2UF 2012 16V 20%,-20% F(Y5V) R/TP	C853	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C330	0CK225DFK4A	2.2UF 2012 16V 20%,-20% F(Y5V) R/TP	C884	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C338	0CK225DFK4A	2.2UF 2012 16V 20%,-20% F(Y5V) R/TP	C896	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C340	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C901	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C342	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP	C904	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C347	0CE105SK6DC	1UF MVG 50V 20% SMD R/TP	C905	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C402	0CE476SF6DC	47UF MVG 16V 20% SMD R/TP	C930	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C403	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP	C950	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP
C413	0CE335VK6DC	3.3UF MV 50V 20% R/TP(SMD) SMD	COIL		
C418	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	L1000	6140VB0004B	26UH 1UEWPHY 22.5TURN YL-9N 0.4
C425	0CE226SF6DC	22UF MVG 16V 20% SMD R/TP	L1101	6140VB0004B	26UH 1UEWPHY 22.5TURN YL-9N 0.4
C444	0CE107SF6DC	100UF MVG 16V 20% SMD R/TP	L1102	6140VB0004B	26UH 1UEWPHY 22.5TURN YL-9N 0.4
C451	0CK105DF64A	1UF 2012 16V 20% R/TP F(Y5V)	L1103	6140VB0004B	26UH 1UEWPHY 22.5TURN YL-9N 0.4
C456	0CK105DF64A	1UF 2012 16V 20% R/TP F(Y5V)			

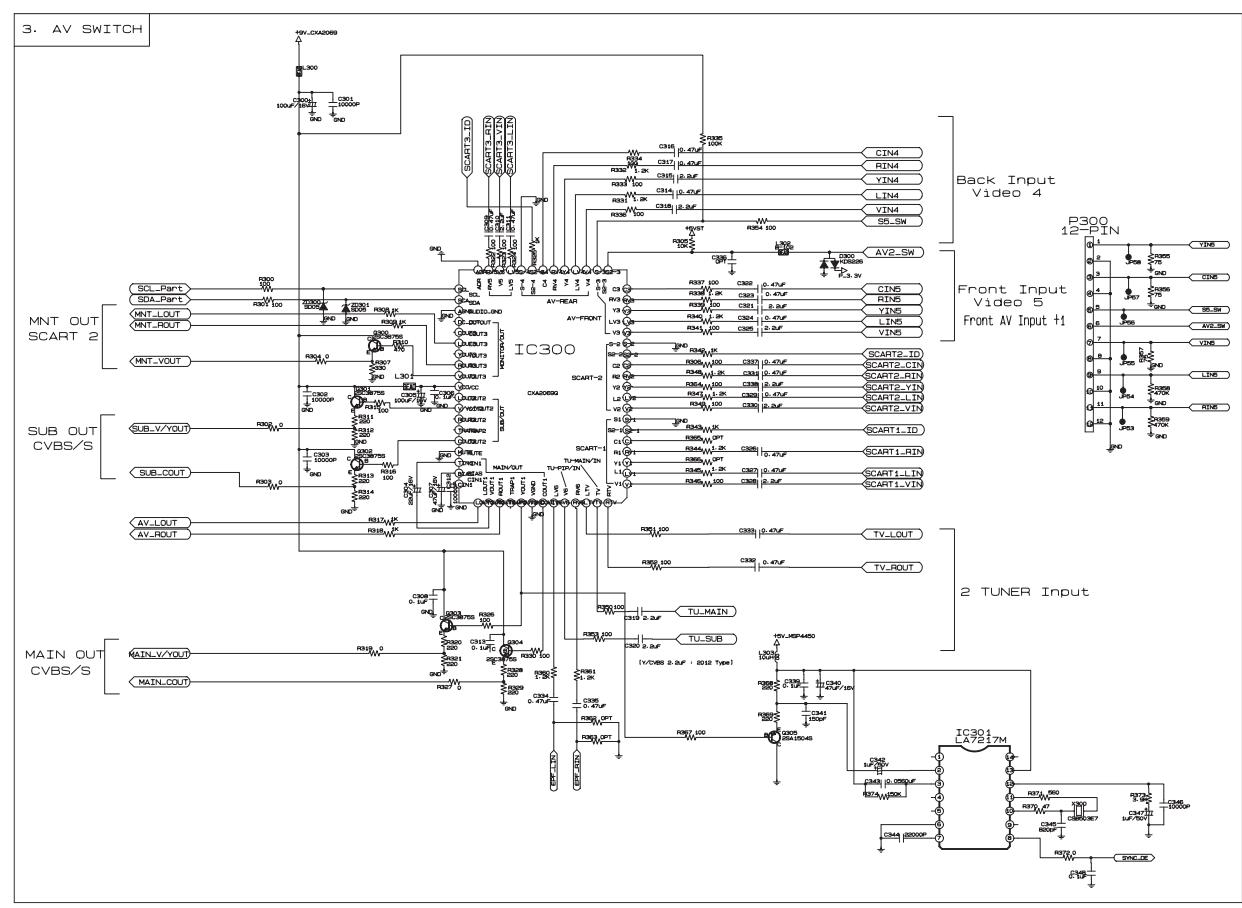
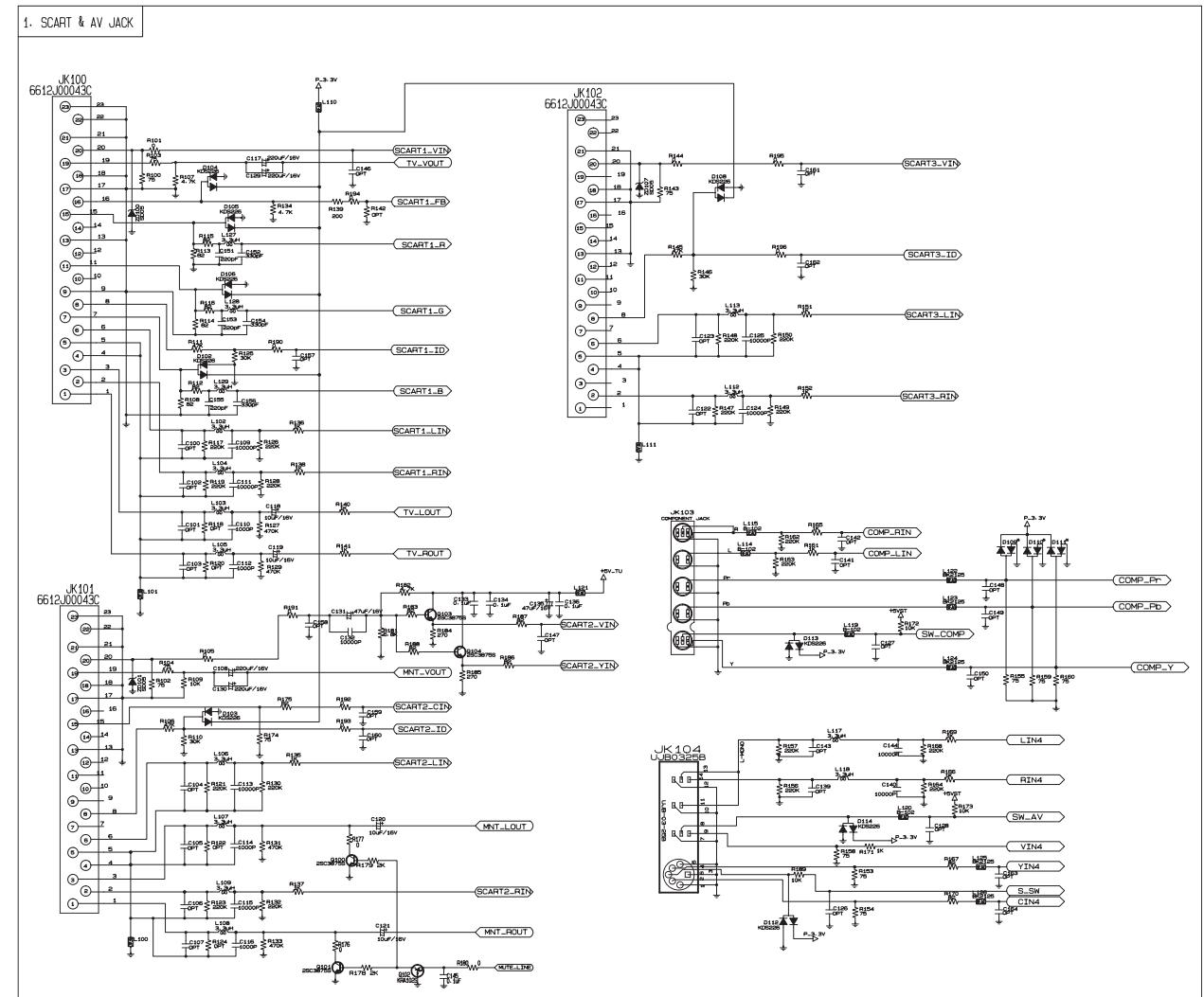
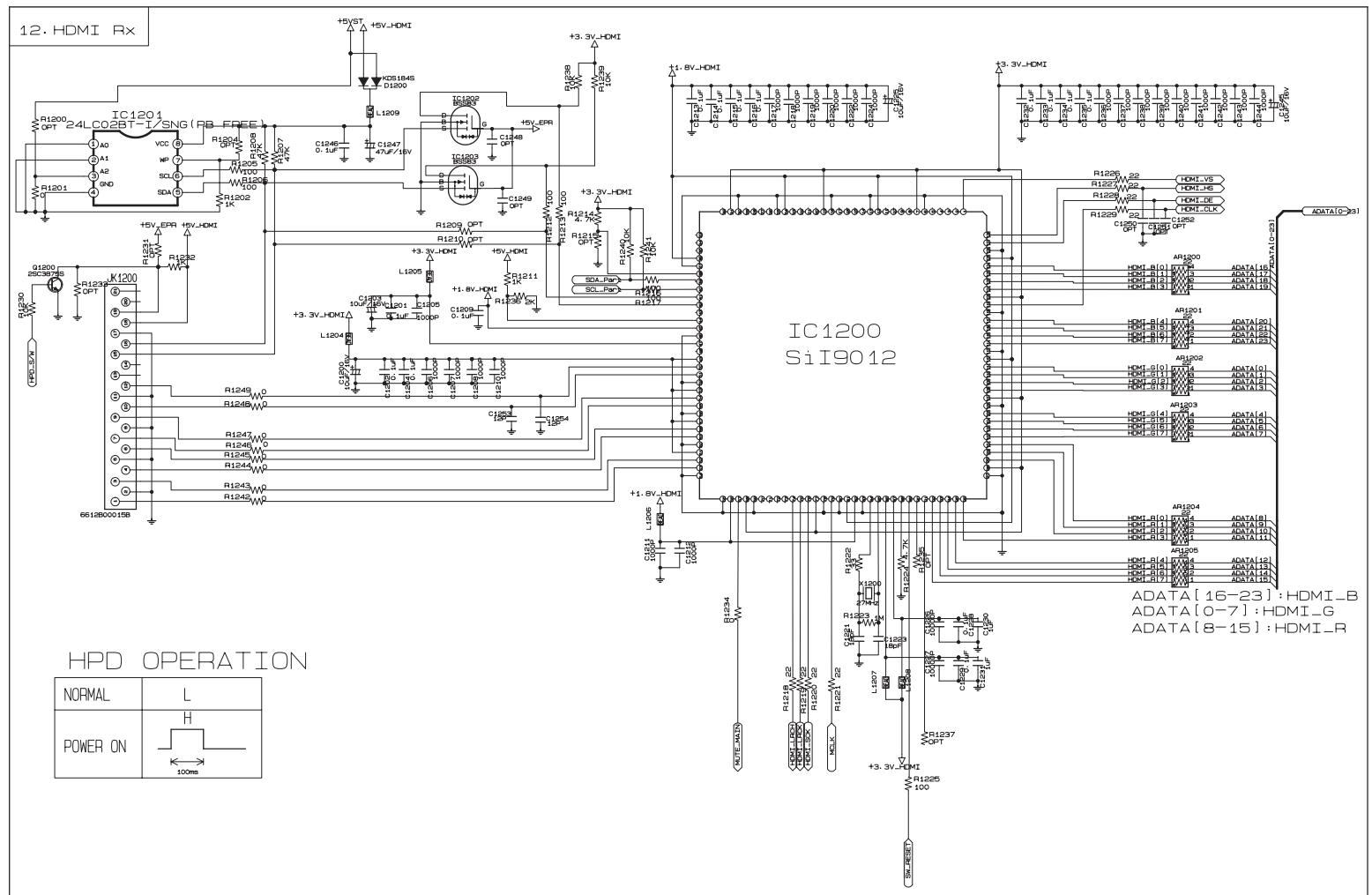
For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyester CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible
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LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
L1104	6140VB0004B	26UH 1UEWPHY 22.5TURN YL-9N 0.4	L1004	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
L404	6140VB0032A	DBF-1015A 15.5UH 10PIE DIGITAL AUDIO	L1005	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
L405	6140VB0032A	DBF-1015A 15.5UH 10PIE DIGITAL AUDIO	L1006	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
L406	6140VB0032A	DBF-1015A 15.5UH 10PIE DIGITAL AUDIO	L1007	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
L407	6140VB0032A	DBF-1015A 15.5UH 10PIE DIGITAL AUDIO	L1008	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
RESISTOR			L1009	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR1200	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24	L101	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR1201	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24	L1010	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR1202	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24	L1011	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR1203	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24	L1012	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR1204	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24	L1013	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR1205	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24	L1014	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR700	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24	L1015	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR701	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24	L1016	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR702	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24	L1017	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR703	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24	L1018	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR704	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24	L1019	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR705	0RRZVTA001D	22 OHM 1 / 16 W 1608 5% R/TP 4P E24	L1020	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR806	0RRZVTA001B	MNR14-E0A-J-510 R OHM 51 OHM 5%	L1021	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR807	0RRZVTA001B	MNR14-E0A-J-510 R OHM 51 OHM 5%	L1022	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR808	0RRZVTA001B	MNR14-E0A-J-510 R OHM 51 OHM 5%	L1023	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR809	0RRZVTA001B	MNR14-E0A-J-510 R OHM 51 OHM 5%	L1024	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR810	0RRZVTA001B	MNR14-E0A-J-510 R OHM 51 OHM 5%	L1025	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR811	0RRZVTA001B	MNR14-E0A-J-510 R OHM 51 OHM 5%	L110	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR812	0RRZVTA001B	MNR14-E0A-J-510 R OHM 51 OHM 5%	L1105	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR813	0RRZVTA001B	MNR14-E0A-J-510 R OHM 51 OHM 5%	L1106	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR814	0RRZVTA001B	MNR14-E0A-J-510 R OHM 51 OHM 5%	L1107	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR815	0RRZVTA001B	MNR14-E0A-J-510 R OHM 51 OHM 5%	L1108	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR816	0RRZVTA001B	MNR14-E0A-J-510 R OHM 51 OHM 5%	L1109	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
AR817	0RRZVTA001B	MNR14-E0A-J-510 R OHM 51 OHM 5%	L111	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
R230	0RD0331H609	3.3 OHM 1/2 W 5.00% TA52	L1110	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
LED			L1111	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
D1003	0DL233309AC	SAM2333 GREEN/RED GREEN:10MCD, RED:6MCD	L1112	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
D1103	0DL233309AC	SAM2333 GREEN/RED GREEN:10MCD, RED:6MCD	L1113	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
LD101	0DL200000CA	SAM5670(DL-2LRG) BK Y-GREEN -	L1115	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
SWITCH			L1116	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
SW101	140-315A	TACT SKHV17910B LG C&D 12V	L1117	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
SW102	140-315A	TACT SKHV17910B LG C&D 12V	L1118	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
SW103	140-315A	TACT SKHV17910B LG C&D 12V	L1119	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
SW104	140-315A	TACT SKHV17910B LG C&D 12V	L1120	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
SW105	140-315A	TACT SKHV17910B LG C&D 12V	L1121	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
SW106	140-315A	TACT SKHV17910B LG C&D 12V	L1122	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
SW107	140-315A	TACT SKHV17910B LG C&D 12V	L1123	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
SW108	140-315A	TACT SKHV17910B LG C&D 12V	L1125	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
SW700	6600VR1004A	SKHMPW 5P CHIP TACT J-ALPS	L1126	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
SW800	6600VR1004A	SKHMPW 5P CHIP TACT J-ALPS	L1127	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
FILTER & CRYSTAL			L1128	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
L100	6200J000013	MLB-321611-0500P-N2 MAG LAYERS	L1129	6200J000013	MLB-321611-0500P-N2 MAG LAYERS
			L1130	6200JB8010L	MLB-321611-0500P-N2 MAG LAYERS
			L114	6200JB8010L	MLB-201209-1000L-N2 MAG LAYERS
			L115	6200JB8010L	MLB-201209-1000L-N2 MAG LAYERS
			L119	6200JB8010L	MLB-201209-1000L-N2 MAG LAYERS

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
ACCESSORIES					
L120	6200JB8010L	MLB-201209-1000L-N2 MAG LAYERS	A1	3828VA0545F	MANUAL,OWNERS MF056A EU/42PX3RV
L1204	6200J000013	MLB-321611-0500P-N2 MAG LAYERS	A2	6710V00126R	REMOTE CONTROLLER, RF043A PIP
L1205	6200J000013	MLB-321611-0500P-N2 MAG LAYERS	A3	6410VEH003C	POWER CORD, M2511A-001 2800MM
MISCELLANEOUS					
L121	6200J000013	MLB-321611-0500P-N2 MAG LAYERS	C1	6850VA0004J	CABLE,COAXIAL UL1365#26 150MM UCA-EX-069
L122	6210VC0005A	BK2125 HS 750 2X1.25X0.85MM R/TP	C2	6851V00022C	CABLE,COAXIAL UL1365#26 VW-1,SOLDERLESS
L123	6210VC0005A	BK2125 HS 750 2X1.25X0.85MM R/TP	C3	6850J00005B	CABLE,DVI LVDS UL20276 AWG30 500MM
L124	6210VC0005A	BK2125 HS 750 2X1.25X0.85MM R/TP	JK500	6630G70016A	CONNECTOR, A03-7071-094 SPG
L125	6210VC0005A	BK2125 HS 750 2X1.25X0.85MM R/TP	JK601	6630G70017A	CONNECTOR, A02-0915-101 SPG
L126	6210VC0005A	BK2125 HS 750 2X1.25X0.85MM R/TP	PA101	6712000002B	REMOTE CONTROLLER RECEIVER,KSM-603SM12E-1
L200	6200J000013	MLB-321611-0500P-N2 MAG LAYERS	TU200	6700MF0010B	TUNER, TAFM-W502P MINI 4SYSTEM SUB
L201	6200J000013	MLB-321611-0500P-N2 MAG LAYERS	TU201	6700MF0010A	TUNER, TAUM-W501P MINI 4 SYSTEM MAIN
L202	6200J000013	MLB-321611-0500P-N2 MAG LAYERS			
L203	6200J000013	MLB-321611-0500P-N2 MAG LAYERS			
L204	6200J000013	MLB-321611-0500P-N2 MAG LAYERS			
L300	6200J000013	MLB-321611-0500P-N2 MAG LAYERS			
L301	6200J000013	MLB-321611-0500P-N2 MAG LAYERS			
L302	6200JB8010L	MLB-201209-1000L-N2 MAG LAYERS			
L400	6200J000013	MLB-321611-0500P-N2 MAG LAYERS			
L401	6200J000013	MLB-321611-0500P-N2 MAG LAYERS			
L402	6200J000013	MLB-321611-0500P-N2 MAG LAYERS			
L403	6200J000013	MLB-321611-0500P-N2 MAG LAYERS			
L408	6200J000013	MLB-321611-0500P-N2 MAG LAYERS			
L409	6200J000013	MLB-321611-0500P-N2 MAG LAYERS			
L410	6200J000013	MLB-321611-0500P-N2 MAG LAYERS			
L500	6200J000013	MLB-321611-0500P-N2 MAG LAYERS			
L502	6200JB8010L	MLB-201209-1000L-N2 MAG LAYERS			
L503	6200JB8010L	MLB-201209-1000L-N2 MAG LAYERS			
L506	6200J000013	MLB-321611-0500P-N2 MAG LAYERS			
L604	6200J000013	MLB-321611-0500P-N2 MAG LAYERS			
X1200	6212AB2845A	RESONATOR,CRYSTAL ABLS-27.000MHZ			
X300	166-E02F	RESONATOR,CERAMIC CSBLA500KECF09			
X400	156-A02M	RESONATOR,CRYSTAL HC49U 18.432MHZ			
X700	6212AB2844A	RESONATOR,CRYSTAL ABLS-19.6608MHZ			
X800	6212AB2844A	RESONATOR,CRYSTAL ABLS-19.6608MHZ			
JACK					
JK100	6612J00043C	UPJ-R1-031 UGCOM S/T			
JK101	6612J00043C	UPJ-R1-031 UGCOM S/T			
JK101	6613V00026A	UJB-03-28A UGCOM 6613V00004S			
JK102	6612J00043C	UPJ-R1-031 UGCOM S/T			
JK103	6612J10012A	UJB-05-02C GR/BL/RD/WH/RD 1*5 SHIELD			
JK104	6612J00038B	UJB-03-25B UGCOM 6612J00038A			
JK1200	6612B00015B	DC1R019WDH JAE 0.5MM,19PIN+2PIN,HDMI			
JK400	6612J00037A	UJB-02-12A UGCOM 2P RCA			
JK502	6612F00087A	UEJ-CV-032 UGCOM EAR JACK			
JK600	6612F00087A	UEJ-CV-032 UGCOM EAR JACK			

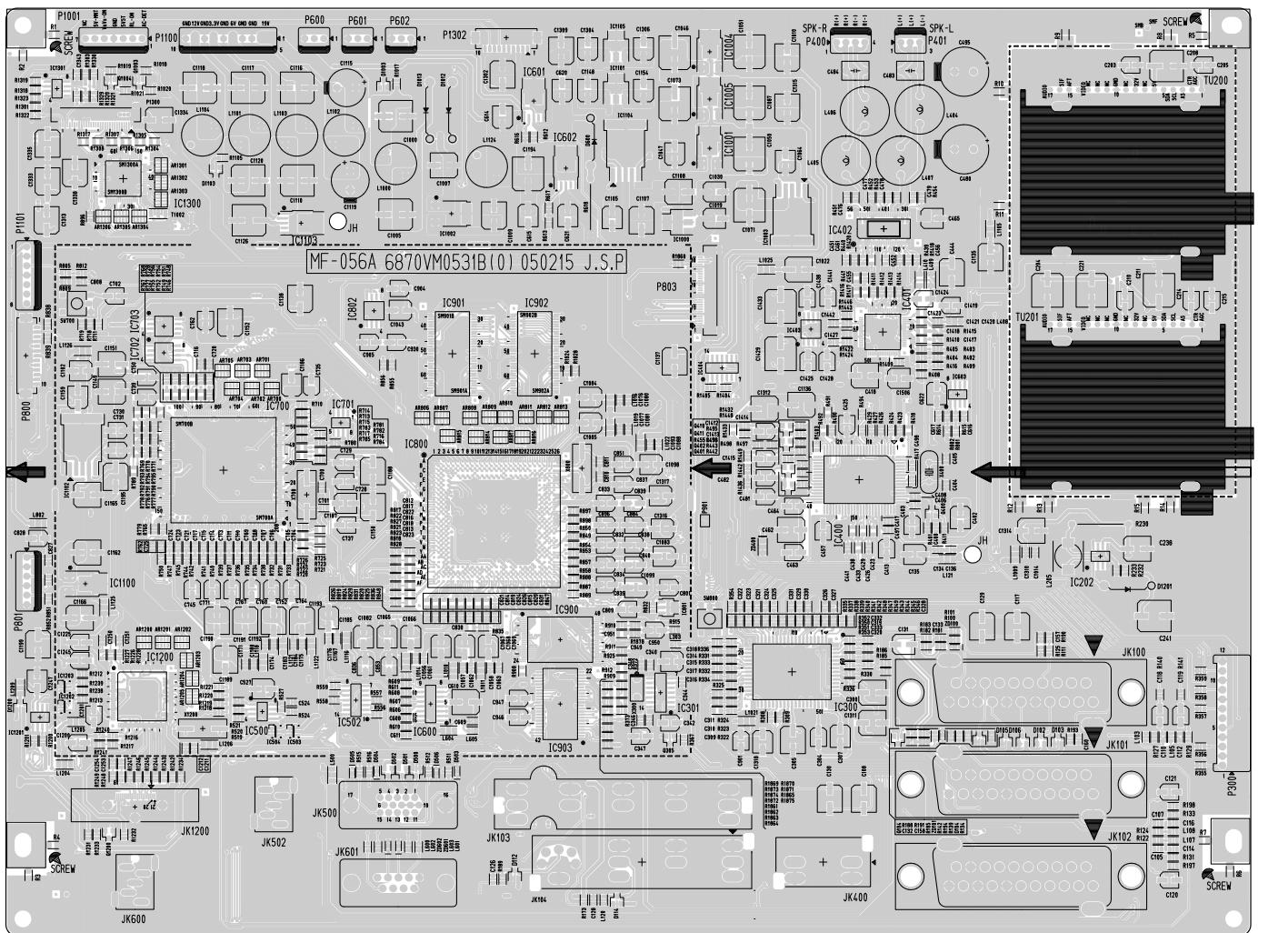




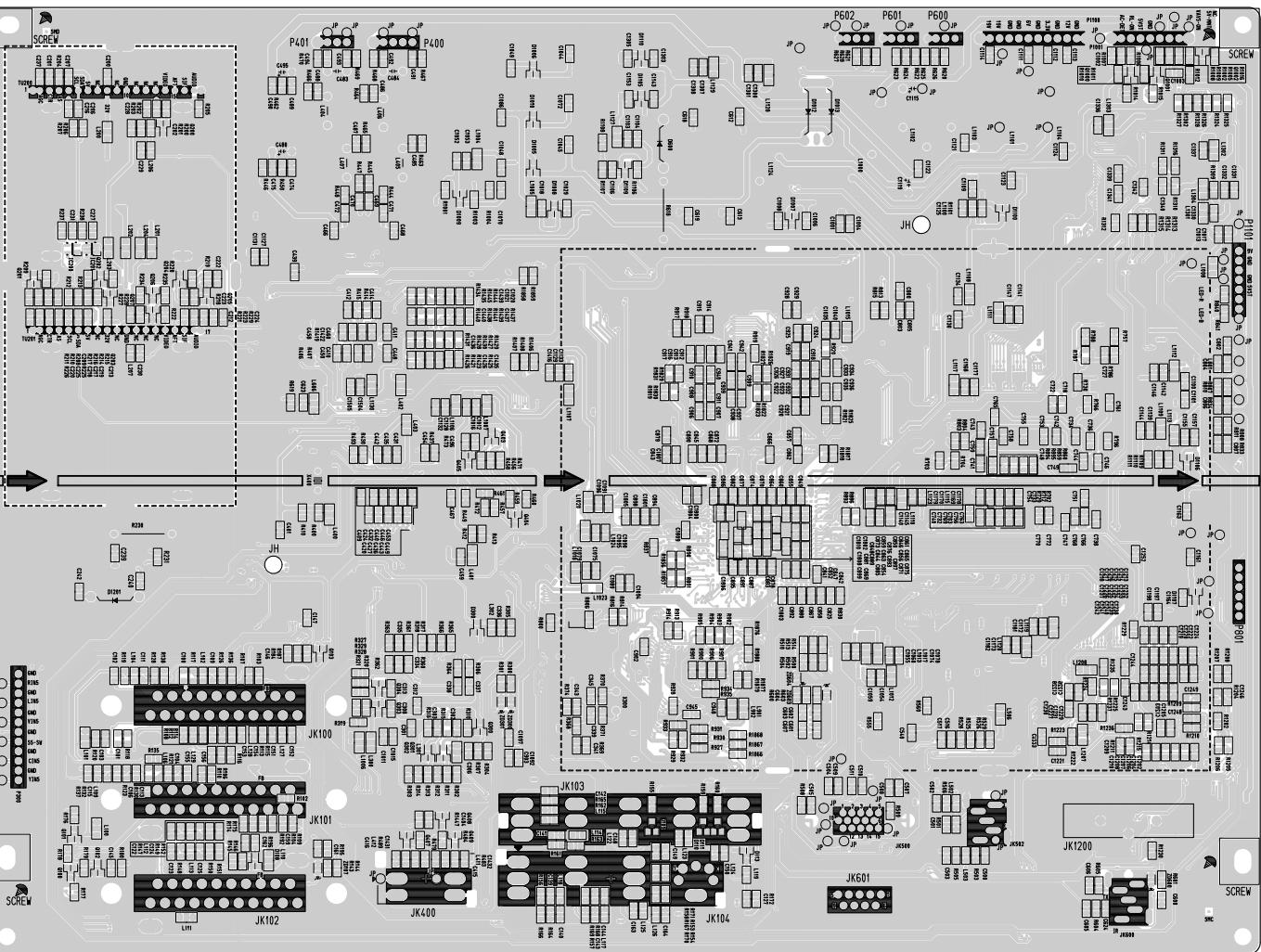


PRINTED CIRCUIT BOARD

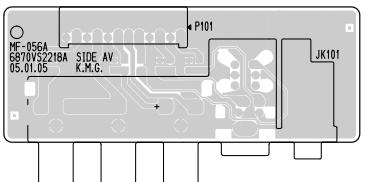
MAIN (TOP)



MAIN (BOTTOM)



SIDE A/V(BOTTOM)



CONTROL





LG Electronics Inc.

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